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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                    Score
16.4
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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         GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd
                                US-09-144-367-14
US-09-144-367-12
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US-08-451-333-28
US-08-454-167-28
US-09-158-313-28
US-09-158-313-29
US-08-461-333-29
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US-08-461-333-29
US-08-461-333-29
US-08-476-798-29
US-08-476-798-29
US-09-158-313-29
US-09-158-313-29
US-09-16-133-39-1
US-09-904-615-34
US-09-904-615-34
US-09-904-258-131
US-09-973-158-1
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US-09-614-124B-1114	US-09-736-457-1114	US-09-702-705-1114	US-09-177-359-37	US-09-497-855A-44	US-09-497-855A-37	US-09-128-155-17	US-09-128-155-16	US-09-791-105B-32	US-09-543-771-9	US-09-544-398B-9	US-09-543-771-11	US-09-544-398B-11	US-08-920-422-17	US-10-135-689-3	US-09-729-995-3	US-10-020-121-3	US-09-801-052-3
Sequence 1114, Ap	Sequence 1114, Ap	Sequence 1114, Ap	Sequence 37, Appl	Sequence 44, Appl	Sequence 37, Appl	Sequence 17, Appl	Sequence 16, Appl	Sequence 32, Appl	Sequence 9, Appli	Sequence 9, Appli	Sequence 11, Appl	Sequence 11, Appl	Sequence 17, Appl	Sequence 3, Appli	Sequence 3, Appli	Sequence 3, Appli	Sequence 3, Appli

ALIGNMENTS

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US-09-144-367-13/C

Sequence 13, Application US/09144367

Patent No. 6432639

GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367

CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 13
LENGTH: 29
TYPE: DNA
ORGANISM: H. sapiens
US-09-144-367-13
                                                                                                           Sequence 2, Application US/09372339

Patent No. 6174684

GENERAL INFORMATION:
APPLICANT: Rebbeck, Timothy
ITILE OF INVENTION: CYP3A4 NFSE Variant and Methods of
FILE REFERENCE: PENN-0695
CURRENT APPLICATION NUMBER: US/09/372,339
CURRENT FILING DATE: 1999-08-11
EARLIER APPLICATION NUMBER: 60/096,586
EARLIER FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 6
CONTRADE: DATE: 1998-08-14
; TYPE: DNA; ORGANISM: Homo sapiens US-09-372-339-2
                                                                           SOFTWARE: PatentIn Ver. SEQ ID NO 2
                                                          LENGTH: 1345
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17; Conserv
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Pred. No. 4:
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; ORGANISM: H.
US-09-144-367-44
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APPLICANT: Guido, Marco
PITTLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
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US-09-144-367-44
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US-09-144-367-3
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                                                         Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                            SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                              Patent No. 6432639 GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 17; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT EPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR PILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
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NAME/KEY: Other
LOCATION: (0)...(0)
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TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                             LENGTH: 19
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                          ACAAGGGCAGGACAGAG 18
 ACAAGGGCAGAGAGAG 17
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                                                        Score 15.4; DB 4;
Pred. No. 1.2e+02;
0; Mismatches 1
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Pred. No. 58;
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Sequence 12, Application US/09144367

Patent NO. 6432639

GENERAL INFORMATION:

APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEO-12P
CURRENT APPLICATION NUMBER: US/09/144,367

CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10

NUMBER OF SEO ID NOS: 58
SOPTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 32
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US-09-144-367-12/c
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US-09-144-367-12
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Patent No. 6399349
GENERAL INFORMATION:
APPLICANT: Ryan, James W.
APPLICANT: Sprinkle, Terry Joe Curtis
APPLICANT: Venema, Richard C.
TITLE OF INVENTION: Human Aminopeptidase P
FILE REFERENCE: MCG103
                                                                                                                           Sequence 3153, Appli
Patent No. 6639063
GENERAL INFORMATION:
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SEQ ID NO 6
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Best Local :
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Best Local Similarity
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human
FILE REFERENCE: GENSET. 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
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TYPE: DNA
ORGANISM: Homo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/146,053A CURRENT FILING DATE: 1998-09-02 EARLIER APPLICATION NUMBER: 60/057,854
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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Local Similarity 88.9%;
les 16; Conservative
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Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.3e+02;
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; NAME/KEY: CDS
; LOCATION: 150..329
US-09-621-976-3153
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SOFTWARE: Patent.pm
                                                                                                                                    PRICE DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 27-NOV-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     equence 28, Application US/08154019 atent No. 5633076
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                                                                                                                                                                                                                                                                                                                                                                                      OPERALLANG CONTROL Release #1.0, SOFTWARE, PATENTION DATA:
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/154,019
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                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
              NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16994-003123
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
TITLE OF INVENTION: by Bovine Species and Transgenic Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                      FILING DATE: 01-DEC-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: One Market & CITY: San Francisco
                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/461,333
FILING DATE: 05-JUN-1995
APPLICATION NUMBER: US 08/077,788
FILING DATE: 15-JUN-1993
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Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 16-NO
TELEPHONE:
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                                                                                                                       APPLICATION NUMBER:
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One Market Plaza, Steuart Tower, Suite 2000
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                                                                                                                                                                                                                 NUMBER: US 07/895,956
15-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                            16-NOV-1993
                                                                                                          01-DEC-1989
                                                                                                                         US 07/444,745
                                                                                                                                                                                                                                                                                                                                                                                                                                 Release #1.0, Version #1.25
                                                                                                                                                                          US 07/619,131
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Pred. No. 3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 459;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
          TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 807 base pairs
TYPE: nucleic acid
CTPANETARYSES. 5:5014
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                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 3
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                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-JUN-1992
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CLASSIFICATION: 800
PRIOR APPLICATION DATA:
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                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 415-543-9600
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                                                                                                                                 NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16994-003123
                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/077,788 FILING DATE: 15-JUN-1993
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STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE:
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San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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Heyneker, Herbert L.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
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Pred. No. 3.2e+02;
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; MOLECULE TYPE:
US-08-464-167-28
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Query Match
Best Local Similarity
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APPLICATION NUMBER: US/08/464,167
FILING DATE: 05-JUN-1995
CLASSIFICATION DATA: 05-JUN-1995
PRIOR APPLICATION US 08/077,788
APPLICATION NUMBER: US 08/077,788
FILING DATE: 15-JUN-1993
PRIOR APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA: APPL
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CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 3,505
REFERENCE/DOCKET NUMBER: 16:
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
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MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                            TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                         TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
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                                                                                                                                                                                                                                               ENGTH:
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                                                                                                                                                                                                      i: 807 base pairs nucleic acid
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One Market Plaza, Steuart Tower, Suite 2000
                                                                                                                                                                                                                                                                                                                                               415-543-5043
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Heyneker, Herbert L.
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Lee, Sang He
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                                                                                                                                                                                                                                                                                                                                                                            415-543-9600
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                                                                                                                      DNA (genomic)
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   82.2%;
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Pred. No. 3.2e+02;
   Score 14.8; DB 3; Pred. No. 3.2e+02;
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                            Length 807;
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                                                                                            US-09-158-313-28
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                                  Matches
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                                                             Query Match
                                                                                                                                                                                     TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM CC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                   NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16994-003125
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 0 FILING DATE: 01-DEC-1989 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07
FILING DATE: 27-NOV-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 15-JUN-1992 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
TITLE OF INVENTION: by Bovine Species and Transgenic Methods
NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/158,313 FILING DATE:
                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: One Market of CITY: San Francisco
                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                      TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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 GACAAGGGCAGGACAGAG 18
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One Market Plaza, Steuart Tower, Suite 2000
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Heyneker, Herbert L.
Platenburg, Gerald
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                                                                                                              DNA (genomic)
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                                               82.2%;
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                                               Score 14.8; DB 3;
Pred. No. 3.2e+02;
                                   Mismatches
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                                                                Length 807;
                                  Indels
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RESULT 13
US-08-154-019-29/c
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                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,798
FILING DATE: 07-UN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/077,788
FILING DATE: 15-UN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US 07/619,131
FILING DATE: 27-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 07/444,745
FILING DATE: 01-DEC-1989
ATTORNEY/AGENT INFORMATION:
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Patent No. 61405
                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 807 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16994-003125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
TITLE OF INVENTION: by Bovine Species and Transgenic Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                        STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: San Francisco
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                                                                                                                                                                                               ocal Similarity
                                                                                                                                                                           16; Conservative
                                                                                                                                      1 GACAAGGCAGGACAGAG 18
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                                                                                                  GACAAGGACAGGTCAGAG 394
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Lee, Sang He
Pieper, Frank
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Heyneker, Herbert L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Townsend and Townsend and Crew
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                                                                                                                                                                                             82.2%;
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                                                                                                                                                                                           Score 14.8; DB 3;
Pred. No. 3.2e+02;
                                                                                                                                                                           Mismatches
                                                                                                                                                                                                           Length 807;
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                                                                        Matches
                                                                                                           Query Match
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/154,019
FILING DATE: 16-NOV-1993
CLASSIFICATION: 435
PRIOR APPLICATION MATA:
APPLICATION NUMBER: US 08/461,333
APPLICATION NUMBER: US 08/077,788
FILING DATE: 05-UNN-1995
APPLICATION NUMBER: US 08/077,788
FILING DATE: 15-UNN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-UNN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/619,131
FILING DATE: 27-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/619,131
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                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16:
TELECOMMUNICATION INFORMATION:
TELEBORY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
TITLE OF INVENTION: by Bovine Species and Transgenic Methods
NUMBER OF SEQUENCES: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 27-NOV-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                  MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/
FILING DATE: 01-DEC-1989
(TTORNEY/AGENT INFORMATION:
NAME: Liebescheutz, Joe 0.
REGISTRATION NUMBER: 37,50
                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: UZIP: 94105
                                                                                                                                                                                                 STRANDEDNESS:
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                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                              TELEPHONE: 415-543-9600
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                                                                                                                                                                                                                                         ENGTH:
 417
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                                                                      16,
                                      1 GACAAGGGCAGGACAGAG 18
                                                                                                                                                                                                                  nucleic acid
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GACAAGGACAGGTCAGAG 400
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Heyneker, Herbert L.
                                                                                                                                                                                                                                                                                               415-543-50
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Deboer, Herman A.
                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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                                                                                                                                                                                    linear
                                                                                                                                                              DNA (genomic)
                                                                                                                                                                                                     single
                                                                                        82.2%;
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                                                                      0;
                                                                                                                                                                                                                                                                                                                                                      16994-003123
                                                                                        Score 14.8; DB 1;
Pred. No. 3.2e+02;
                                                                          Mismatches
                                                                                                             DB 1;
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                                                                                                         Length 824;
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RESULT 14
US-08-461-333-29/c
US-08-461-333-29/c
; Sequence 29, Application US/08461333
; Patent No. 5741957
; GENERAL INFORMATION:
 Deboer, Herman A.

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US-08-464-167-29/c
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MOLECULE TYPE: DNA (genomic)
US-08-461-333-29
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                                                                                  Sequence 29, Application US/08464167
Patent No. 6013857
GENERAL INFORMATION:
APPLICANT: Deboer, Herman A.
                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                               Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/461,333
PILING DATE: 05-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/077,788
FILING DATE: 15-JUN-1993
PRIOR APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-JUN-1992
PRIOR APPLICATION NUMBER: US 07/619,131
APPLICATION NUMBER: US 07/619,131
APPLICATION NUMBER: US 07/619,131
FILING DATE: 27-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/444,745
FILING DATE: 01-DEC-1989
ATTORNEY/AGENT INFORMATION:
NAME: 11:606760117. TOGO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                  APPLICANT:
   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Liebescheutz, Joe O. REGISTRATION NUMBER: 37,505 REFERENCE/DOCKET NUMBER: 16 TELECOMMUNICATION INFORMATION: TELEPHONE: 415-543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: One Francisco
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
                                                                                                                                                                                                                            417 GACAAGGACAGGTCAGAG 400
                                                                                                                                                                                                                                                                                                 16;
                                                                                                                                                                                                                                                                                             h 82.2%;
Similarity 88.9%;
16; Conservative
                                                                                                                                                                                                                                                  GACAAGGGCAGGACAGAG 18
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Heyneker, Herbert L.
Platenburg, Gerald
                                                  Strijker, Rein
Heyneker, Herbert L.
Platenburg, Gerald
Lee, Sang He
Pieper, Frank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pieper,
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Lee, Sang He
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                                                                                                                                                                                                                                                                                               0
                                                                                                                                                                                                                                                                                                               Score 14.8; DB 1; Length 824; Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                 Indels
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Search completed: January 26, 2005, 13:15:19 Job time: 25.725 secs
                                                                                                                                                                                                                                    US-08-464-167-29
                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 08/077,788
APPLICATION NUMBER: US 08/077,788
FILING DATE: 15-JUN-1993
PRIOR APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-JUN-1992
PRIOR APPLICATION NUMBER: US 07/619,131
APPLICATION NUMBER: US 07/619,131
                                                                                                                                                                                            Query Match
                                                                                                                                                                            Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/
FILING DATE: 27-WOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 01-DEC-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATEN: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION WHEER: US/08/464,167
FILING DATE: 05-UN-1995
CLASSIFICATION: 800
                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
LENGTH: 824 base pair
                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 16994-003124
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
TITLE OF INVENTION: by Bovine Species and Transgenic Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                    LENGTH: 824 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: Une DE CITY: San Francisco
                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                              417
                                                                                                                                                        16;
                                                                                                                1 GACAAGGGCAGGACAGAG 18
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                                                                              GACAAGGACAGGTCAGAG
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                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                  linear
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01-DEC-1989
                                                                                                                                                                                                                                                    DNA (genomic)
                                                                                                                                                                        82.2%;
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                                                                              400
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                                                                                                                                                                          Score 14.8;
Pred. No. 3.
                                                                                                                                                            Mismatches
                                                                                                                                                                        3.2e+02;
                                                                                                                                                                                            DB 3;
                                                                                                                                                                                            Length 824;
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Title:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Database
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Perfect score:
                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         January 26, 2005, 13:15:32; Search time 127.6 Seconds (without alignments) 810.549 Million cell updates/sec
                                                                                                                                                US-10-085-612A-1
18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Published Applications NA:*
1: /cgn2_6/ptodata/1/pubpna/PCT
2: /cgn2_6/ptodata/1/pubpna/PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gacaagggcaggacagag 18
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                                                                                                                                 | Cgm2_6/ptodata/1/pubpna/US09B_BUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
| Cgm2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
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| Cgm2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                         /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
(cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
(/cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
(/cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
(/cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
(/cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
(/cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                         6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd
SUMMARIES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8600550
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Result	Score	24	Length	DB	ID	1 14.
-	18	100.0	18	14	US-10-085-612-1	Sequence
ი 2	16.4	91.1	29	14	US-10-146-575-13	Sequence 13, Appl
c 3	16.4	91.1	529	13	US-10-027-632-106890	
0 4	16.4	91.1	529	15	US-10-027-632-106890	Sequence 106890
₅	16.4	91.1	714	13	US-10-027-632-25159	Sequence 25159
o	16.4	91.1	714	15	US-10-027-632-25159	Sequence 25159,
7	16.4	91.1	1530	14	US-10-198-846-10434	Sequence 10434, A
ი 8	16.4	91.1	24295	17	US-10-317-277A-4	Sequence 4, Appli
9	16.4	91.1	25543	13	US-10-087-192-805	
10	16.4	91.1	34455	13	US-10-087-192-1915	Sequence 1915
c 11	16.4	91.1	71251	13	US-10-087-192-355	Sequence 355,
c 12	16.4	91.1	73771	ū	110-10-027-102-1636	Semience 1636.

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15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	16	16	16	16	16	16	16	16	16	16	16	16	16	16.4	16.4	16.4
85.6	85.6	85.6	85.6	85.6	5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	88.9	88.9		88.9	88.9	88.9			88.9	88.9	88.9	88.9	88.9	91.1	91.1	91.1
618	618	599	592	592	592	592	591	591	514	361	341	314	314	299	19	19	88493	3881	3881	2270	1345	1345	1345	774	745	745	339	41	41	237961	172637	119596
15	13	17	15	<u>بر</u>	13	IJ	15	13	18	16	17	18	17	9	14	10	17	18	10	15	14	14	10	17	15	13	18	16	16	16	9	14
US-10-027-632-105305	US-10-027-632-105305	US-10-437-963-10910	US-10-027-632-321714	US-10-027-632-321713	US-10-027-632-321714	US-10-027-632-321713	US-10-027-632-286257	US-10-027-632-286257	US-10-425-115-105065	US-10-424-599-6641	US-10-437-963-19690	US-10-425-115-40247	US-10-437-963-49508	US-09-783-590-3955	US-10-146-575-44	US-09-943-115A-3	US-10-322-281-703	US-10-613-076-20	US-09-948-820-20	US-10-177-917-1	US-10-085-612-3	US-10-146-575-3	US-09-943-115A-1	US-10-767-701-14922	. US-10-027-632-166368	US-10-027-632-166368	US-10-425-115-69563	US-10-035-833A-7586	US-10-035-833A-1329	US-10-433-580-2	US-09-805-458A-3	US-10-270-336-3
Sequence 105305,											Sequence 19690, A	Sequence 40247, A	9 495	Sequence 3955, Ap		3, 1			20,	۲	ω	w '	1,	14	Sequence 166368,	Sequence 166368,		7586,	13	2	Sequence 3, Appli	e u
							1																									

ALIGNMENTS

RESULT 1 US-10-085-612-1

Sequence 1, Application US/10085612 Publication No. US20030096251A1

GENERAL INFORMATION:

Petros, William Hall, Jeff

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TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals:
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-Cl
CURRENT APPLICATION UNMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
FRIOR APPLICATION NUMBER: 09/144,367
FRIOR APPLICATION NUMBER: 09/144,367
FRIOR FILING DATE: 1998-08-31
FRIOR APPLICATION NUMBER: 60/271,630
FRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                          Query Match 100.0%; Score 18; DI
Best Local Similarity 100.0%; Pred. No. 48,
Matches 18; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Guida, N
APPLICANT: Hall, (
APPLICANT: Petros
APPLICANT: Vredeni
APPLICANT: Colvin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                           GACAAGGGCAGGACAGAG 18
  GACAAGGGCAGGACAGAG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Vredenburgh, James
Colvin, Oliver
Marks, Jeffrey
                                                                                                                          14;
                                                                                 0.
                                                                                                                          Length 18;
                                                                                   Indels
                                                                                 0;
                                                                                 Gaps
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US-10-146-575-13/c
; Sequence 13, Application US/10146575
; Publication No. US20030059800A1
; GENERAL INFORMATION:

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APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
ITITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 13
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US-10-027-632-106890/c
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; TYPE: DNA
; ORGANISM: H. sapiens
US-10-146-575-13
                                                                                                                                                                                  US-10-027-632-106890
                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1997-08-09
                                                                                                                                                                                                                                                                         SEQ ID NO 106890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 106890, Application US/10027632 Publication No. US20020198371A1 GENERAL INFORMATION:
                                                                                      Matches
                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT PILLING DATE: 2002-04-30
PRIOR APPLICATION UNMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR PILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                            LENGTH: 529
                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Match 91.1%;
Local Similarity 94.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GACAAGGGCAGGACAGAG 18
                                                                                                              Similarity
                                          GACAAGGGCAGGACAGAG 18
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                                                                                      Conservative
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                                                                                                           91.1%;
  153
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Pred. No. 2.7e+02;
                                                                                                           Score 16.4; DB 13; Pred. No. 2e+02;
                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                 Length 529;
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CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-05
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25159
LENGTH: 714
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PRIOR FILLING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILLING DATE: 2000-04-20
PRIOR FILLING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILLING DATE: 2000-03-29
PRIOR PEPLICATION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/187,363
PRIOR APPLICATION NUMBER: US 60/167,363
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US-10-027-632-106890/c
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PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 106890
LENGTH: 529
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Best Local
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
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CURRENT FILING DATE: 2002-04-30
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94.4%;
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Pred. No. 2e+02;
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APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kahleen
APPLICANT: Steinmann, Kahleen
TITLE OF INVENTION: MOVEL GENES, COMPOSITIONS, KITS, ANI
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PRI
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR PILING DATE: 2001-07-18
PRIOR PILING DATE: 2001-07-18
PRIOR PILING DATE: 2001-07-18
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US-10-027-632-25159
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CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
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Matches
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Best Local Similarity 94.4
Matches 17; Conservative
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25159
LENGTH: 714
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Publication No. US20030099974A1
GENERAL INFORMATION:
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
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OFTWARE: FastSEQ for Windows Version 4.0
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mes 17; Conserv
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FILING DATE: 1999-11-23
APPLICATION NUMBER: US 60/156,358
FILING DATE: 1999-09-28
APPLICATION NUMBER: US 60/146,002
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APPLICATION NUMBER: US 60/185,218
FILING DATE: 2000-02-24
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Pred. No. 1.9e
0; Mismatches
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Pred. No. 1.9e
0; Mismatches
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TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 897, 1528, 1529, 1530
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-10434
                                                                                                  NUMBER OF SEQ ID NOS: 2059
SOFTWARE: FASTSEQ for Windov
SEQ ID NO 805
LENGTH: 25543
TYPE: DNA
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; FEATURE: misc feature LOCATION: (1)...(25543); OTHER INFORMATION: n = US-10-087-192-805
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TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
FILE REFERENCE: RTS-0473
CURRENT APPLICATION NUMBER: US/10/317,277A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 168
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/10317277A Publication No. US20040110159A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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CURRENT FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                  APPLICANT: Engelhard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS
TITLE OF INVENTION: CANCER
FILE REFERENCE: 529452000122
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Morris, David W. APPLICANT: Engelhard, Eric
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Homo sapiens
                                                                                   ORGANISM: Mus musculus
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Pred. No. 1.
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Pred. No. 1.
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US-10-087-192-355

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APPLICANT: MOTTIS, David W.
APPLICANT: Engelhard, Eric K.
APPLICANT: Engelhard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: CANCER
FILE REFERENCE: 529452000122
CURRENT APPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 2059
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; LENGTH: 34455
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(34455)
; OTHER INFORMATION: n = A,T,C or G
US-10-087-192-1915
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US-10-087-192-355/c
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                                                                                                  NUMBER SOFTWARE: FABLER SOFTWARE: FABLER SEQ ID NO 355
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Best Local Similarity
Matches 17; Conser
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Publication No. US20020182586A1
                                                                                                                                                               PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEO ID NOS: 2059
                                                                                                                                                                                                                                                                                         APPLICANT: Morris, David W.
APPLICANT: Engelhard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: CANCER
FILE REFERENCE: 529452000122
                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(71251)
OTHER INFORMATION: n =
                                                                    TYPE: DNA ORGANISM: Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           l Similarity 94.4
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                                                                                                                                              FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/10087192
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                                                                                                                                                                                                                                                                                                                                                                                                           US20020182586A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            91.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          91.1%;
   A,T,C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           9 Pred. No. 1.3e
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2816
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Pred. No. 1.2e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.3e+02;
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ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(73771)
COTHER INFORMATION: n = A,T,C or
US-10-087-192-1636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Thes 17; Conserva
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; NAME/KEY: misc_feature
; LOCATION: (1) ... (119596)
; OTHER INFORMATION: n = A,T,C
US-10-270-336-3
                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 13
US-10-270-336-3
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US-10-087-192-1636/c
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1636
LENGTH: 73771
                                                                                                                          SEQ ID NO 3
LENGTH: 119596
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1636, Application US/10087192 Publication No. US20020182586A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/10270336 Publication No. US20030074678A1
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Best Local S
                                                                                                                                                          FILE REFERENCE: CL001146CON
CURRENT APPLICATION NUMBER: US/10/270,336
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US 60/270,873
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                   APPLICANT: ZHU, Shiaoping et al.
TITLE OF INVENTION: ISOLATED HUMAN G-PROTEIN COUPLED
TITLE OF INVENTION: RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR
TITLE OF INVENTION: PROTEINS, AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS TITLE OF INVENTION: CANCER FILE REFERENCE: 529452000122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Morris, David W. APPLICANT: Engelhard, Eric
                                                                                      ORGANISM: Human
                                                                         FEATURE:
                                                                                                             TYPE: DNA
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94.4%;
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Pred. No. 1.
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Pred. No. 1.
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US-10-433-580-2
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; NAME/KEY: misc feature
; LOCATION: (1)...(172637)
; OTHER INFORMATION: n = A,T,C or G
US-09-805-458A-3
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US-09-805-458A-3
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Best Local S
Matches 17
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Patent No. US20020042100A1
GENERAL INFORMATION:
APPLICANT: YAN, Chunhua et al
TITLE OF INVENTION: ISOLATED HUMAN ION CHANNEL PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN ION CHANNEL PROTEINS,
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CL000722
CURRENT APPLICATION UNMBER: US/09/805,458A
CURRENT FILING DATE: 2001-03-14
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/10433580 Publication No. US20040091497A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                     SOFTWARE: Patent.pm
SEQ ID NO 2
LENGTH: 237961
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: SCHIZOPHRENIA RELATED VOLTAGE-GATED ION CHANNEL GENE AND PROTEIN FILE REFERENCE: 93.WO1
CURRENT APPLICATION NUMBER: US/10/433,580
CURRENT FILING DATE: 2003-06-04
PRIOR APPLICATION NUMBER: US 60/251,317
PRIOR PILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: GENSET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Human
                                                                           LOCATION: 43998..44102
OTHER INFORMATION: exor
                                                                                                                                                   NAME/KEY: exon
LOCATION: 43726..43868
OTHER INFORMATION: exor
                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
NAME/KEY: exon
LOCATION: 52093..52179
OTHER INFORMATION: exon 10
                                                                                                                     NAME/KEY: exon
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l Similarity 94.4%;
17; Conservative
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                                                                             exon
                                                                                                                                                         exon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 16.4; DB 9; Length 172637; Pred. No. 1e+02; 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 16.4; DB 14;
Pred. No. 1.1e+02;
0; Mismatches 1;
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PEATURE:
NAME/KEY: exon
LOCATION: 235355..235459
OTHER INFORMATION: exon 27
FEATURE:
PEATURE:
NAME/KEY: allele
LOCATION: 51090
OTHER INFORMATION: 99-79335-60 :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: exon
LOCATION: 77568..77699
OTHER INFORMATION: exon 11
FEATURE:
NAME/KEY: exon
NAME/KEY: exon
98393
                                                                                                                                              NAME/KEY: exon
LOCATION: 232900..233067
OTHER INFORMATION: exon 26
                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: exon
LOCATION: 228630..228752
OTHER INFORMATION: exon
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NAME/KEY: exon
LOCATION: 231813..231944
OTHER INFORMATION: exon 25
                                                                                                                                                                                                                                                                                                                   NAME/KEY: exon
LOCATION: 231589..231709
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LOCATION: 231289..231345
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NAME/KEY: exon
LOCATION: 211540..211613
OTHER INFORMATION: exon 18
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LOCATION: 144109..144246
OTHER INFORMATION: exon 14
                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: exon 24
                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: exon 23
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LOCATION: 228450..228541
OTHER INFORMATION: exon 21
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OTHER INFORMATION: exon 20
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OTHER INFORMATION: exon 19
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LOCATION: 159794..159868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: exon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 98226..98393
OTHER INFORMATION: exon 12
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NAME/KEY: exon
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OTHER INFORMATION: exon 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: exon 16
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OTHER INFORMATION: exon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: exon
OCATION: 225006..225107
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LOCATION: 191292..191428
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   : polymorphic base
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FEATURE:
NAME/KEY: allele
LOCATION: 166087
OTHER INFORMATION: 9
                          NAME/KEY: primer_bind
LOCATION: 100764..100784
OTHER INFORMATION: 99-79314.rp
                                                                                       NAME/KEY: primer_bind
LOCATION: 100285..100305
OTHER INFORMATION: 99-79314.pu
                                                                                                                                                   NAME/KEY: primer_bind
LOCATION: 91466...91486
OTHER INFORMATION: 99-79339.
                                                                                                                                                                                                              LOCATION: 91037. 91056
OTHER INFORMATION: 99-79339.pu
                                                                                                                                                                                                                                                                       NAME/KEY: primer_bind
LOCATION: 80700..80720
OTHER_INFORMATION: 99-79338.rp
                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: primer_bind
LOCATION: 80271..80290
OTHER_INFORMATION: 99-79338.pu
                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: primer bind
LOCATION: 61354..61374
OTHER INFORMATION: 99-79336.rp
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: primer_bind
LOCATION: 60925..60945
OTHER_INFORMATION: 99-79336.pu
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LOCATION: 51539..51559
OTHER INFORMATION: 99-79335.rp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: primer bind
LOCATION: 51031..51051
OTHER INFORMATION: 99-79335.pu
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LOCATION: 100485
OTHER INFORMATION:
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LOCATION: 80602
OTHER INFORMATION:
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LOCATION: 235894
OTHER INFORMATION: 99-79306-182
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LOCATION: 166336
OTHER INFORMATION:
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LOCATION: 106725
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LOCATION: 100509
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LOCATION: 61293
NAME/KEY: primer_bind
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LOCATION: 91037..91056
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LOCATION: 235713..235732
OTHER_INFORMATION: 99-79306.pu
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LOCATION: 166381..166401
OTHER INFORMATION: 99-79322.
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NAME/KEY: primer_bind
LOCATION: 165864..165884
OTHER INFORMATION: 99-79322.pu
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LOCATION: 107000..107020
OTHER INFORMATION: 99-79316.rp
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Search completed: January 26, 2005, 18:15:43
Job time : 129.6 secs

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3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
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US-09-2489-039A-2633
US-09-270-767-21434
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US-09-270-767-1684
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US-09-313-294A-2795
US-09-313-294A-2795
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Sequence 18, Appl Sequence 1, Appli		Sequence 3, Appli Sequence 3998, Ap Sequence 19280, A	Sequence 3, Appli Sequence 3, Appli	Sequence 12086, A Sequence 3, Appli	Sequence 1, Appli Sequence 1, Appli	2, A 19, 477,

ALIGNMENTS

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-372-339-2
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; ORGANISM: Homo sapiens
US-09-372-339-1
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Patent No. 6174684
GENERAL INFORMATION:
APPLICANT: Rebbeck, Timothy
APPLICANT: Felix, Carolyn
TITLE OF INVENTION: CYP3A4 NFSE Variant and Methods of Use Therefor
FILE REFERENCE: PENN-0695
CURRENT APPLICATION NUMBER: US/09/372,339
CURRENT FILING DATE: 1999-08-11
EARLIER APPLICATION UNBER: 60/996,586
EARLIER FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 6
COLUMBER OF SEQ ID NOS: 6
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SEQ ID NO 1
LENGTH: 1345
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Best Local Similarity
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SEQ ID NO 2633
LENGTH: 1023
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
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APPLICANT: Gary Br
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Best Local
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                                                                                                                                                                                                                                                                                                                      APPLICANT: GATY Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
CURRENT FILING UNIMBER: 60/058,612
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
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; Sequence 6152, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of TITLE OF INVENTION NUMBER: US/09/270,767
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: n means any nucleotide
US-09-270-767-21434
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                                                                                          GENERAL INFORMATION:
APPLICANT: Reed, John C.
APPLICANT: Takayama, Shinichi
APPLICANT: Takayama, Shinichi
TITLE OF INVENTION: No. 6696558el BAG Proteins and
TITLE OF INVENTION: Them
FILE REFERENCE: P-LJ 3737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 21434
LENGTH: 445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 21434, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
                                                                                                                                                                                                     Sequence 23, Application US/09394142B Patent No. 6696558
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                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
                 CURRENT APPLICATION NUMBER: US/09/394,142B CURRENT FILING DATE: 1999-09-09 PRIOR APPLICATION NUMBER: 09/150,489 PRIOR FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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23; Conserv
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85.2%;
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Pred. No. 4
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Pred. No. 40;
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                                                                                                                                Nucleic Acid Molecules Encoding
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SOFTWARE:

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Query Match 58.8%;
Best Local Similarity 82.1%;
Matches 23; Conservative
                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 357 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
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ORGANISM: Homo sapiens
FEATURE:
FEATURE:
NAME/KEY: CDS
LOCATION: (247)..(1590)
NAME/KEY: misc_feature
LOCATION: (1)..(4308)
OTHER INFORMATION: n=a,c,t or g
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                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08
FILING DATE: August 22, 19
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: incl
PRIOR APPLICATION DATA: desc
PRIOR APPLICATION DATA: desc
PRIOR APPLICATION DATA: desc
                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: JOE B. HARFORD
APPLICANT: VINCENT J. MILES
TITLE OF INVENTION: METHODS FOR TREATING
TITLE OF INVENTION: HORMONE DISORDERS
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/060
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
                                                                                                                                                                              TELBEAX: 1210
TELEPAX: 67-3510
SEQ
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                                                                                                                                                                                                  TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              / Match 59.4%;
Local Similarity 88.0%;
nes 22; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071
                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard
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ARNIM PAUSE
                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                              August 22, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                               US/08/294,143
                                                                                                                                                                                                                                                                                                                                         including application described below:
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Score 20; DB 2;
Pred. No. 65;
0; Mismatches
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 5; Indels
                                   Length 357;
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US-09-593-483-1/c

Sequence 1, Application US/09593483
Patent No. 6410715
GENERAL INFORMATION:

APPLICANT: NAHUM SONENBERG

ARNIM PAUSE JOE B. HARFO VINCENT J. MILES

HARFORD

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TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 357 base pairs
TYPE: nucleic acid
TYPE: nucleic single
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US-09-256-331-1/c
RESULT 10
                                                                                                           Matches
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                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UMBER: US/08/294
APPLICATION UMBER: US/08/294
FILING DATE: August 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/
TELECHOMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-04440
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APPLICANT: NAHUM
APPLICANT: ARNIM
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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TELEFAX: 67-3510
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                                                                                                         Local Similarity
les 23; Conserv
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STATE: California
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STREET: 633 West Fifth
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VINCENT J. MILES
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ARNIM PAUSE
                                                                                                           Conservative
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                                                                                                                      58.8%;
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HORMONE DISORDERS
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                                                                                                                      Score 20;
Pred. No. 6
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                                                                                                                                          DB 3;
                                                                                                                                        Length 357;
                                                                                                            Indels
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TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 357 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-593-483-1
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US-09-023-655-1445/c
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                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Cocks,
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
                                                                                                                                                                                                                                  TITLE OF INVENTION: COMPOSITION INTELLED INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                          COUNTRY: U
ZIP: 94304
                                                                                                                           CITY: PALO ALTO
STATE: CALIFORNIA
                                                                                                                                                                STREET:
                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/294,143
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/060
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: 3.5" Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   crirectacrescrecascrecasccc 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/593,483
FILING DATE: 14-Jun-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
                                                                                                                                                              8: INCYTE PHARMACEUTICALS, INC
3174 PORTER DRIVE
                                                                                                                                                                                                                                                   Cocks, Benjamin G.
Susan G. Stuart
Jeffrey J. Seilhamer
VENTION: COMPOSITION
                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       58.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 20; DB
Pred. No. 65;
                                                                                                                                                                                                                                                    FOR THE DETECTION OF BLOOD CELL GENE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 357;
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; LIBRARY: GENBAI
; CLONE: 9561629
US-09-023-655-1445
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEPAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1445
CLASSIFICATION: 424

RRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: includi:
PRIOR APPLICATION DATA: describe
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/(
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: NAHUM
                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1
MEDIUM TYPE: storage
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM P.C. DO
SOFTWARE: WORD PETECT 5.1
CURRENT APPLICATION DATA:
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TOPOLOGY: line
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: VINCENT J. MILES
TITLE OF INVENTION: METHODS FOR TREAT
TITLE OF INVENTION: HORMONE DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 357 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                      COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                           APPLICATION NUMBER: US/08/29
FILING DATE: August 22, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: H
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3, Application US/08294143
5. 5874231
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ucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JOE B. HARFORD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAHUM SONENBERG
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                                                                                                                                                                              US/08/294,143
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                                                                                        including application described below:
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Pred. No. 65;
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202/060

TELEFAX:

(213) 955-0440

(213) 489-1600

TELEPHONE:

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S8.8%; Best Local Similarity 82.1%; Matches 23; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3,
                                                                                                                                                                                                                    OPERATING SYSTEM: IBM P.C. DOS
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/256;
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/294;
PRICE APPLICATION DATA:
APPLICATION NUMBER: US/08/294;
APPLICATION NUMBER: US/08/294;
APPLICATION NUMBER: US/08/294;
APPLICATION NUMBER: US/08/294;
APPLICATION NUMBER: 20, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32, 327
REGISTRATION NUMBER: 202/00
TELECOMMUNICATION INFORMATION:
TELECAX: (213) 489-1600
TELECAX: (213) 489-1600
                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DO
SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: NAHUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: JOE B. HARFORD
APPLICANT: VINCENT J. MILES
TITLE OF INVENTION: METHODS FOR TREAT
TITLE OF INVENTION: HORMONE DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                               TYPE: nucleic
STRANDEDNESS:
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                                                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Match 58.8%;
ocal Similarity 82.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    62 CTTGGGGTCTGGCTGCAGCTGCTGCCCC 35
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                                                                                                                              nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               U.S.A.
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JOE B. HARFORD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                linear
                                                                                                               Bingle
                                                                                                                                                                                                                                                                                                                                                                       US/08/294,143
                                                                                                                                                                                                                                                                                                                                                                                                                                               US/09/256,331
       ; Score 20; DB
; Pred. No. 76;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 20; DB
Pred. No. 76;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FOR TREATING
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 2;
                                         DB 3; Length 829;
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RESULT 15
US-09-489-039A-5244/c
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US-09-593-483-3/c
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Sequence 5244, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PRECIMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/09593483
Patent No. 6410715
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/060
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/294,143
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
ODERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOOD Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/593,483
FILING DATE: 14-Jun-2000
OTACTICATION 14-Jun-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VINCENT J. MILES
TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: NAHUM SONENBERG
                                                                                                                                                                                                                          62
                                                                                                                                                                                                                                                                                                     58.8%;
1 Similarity 82.1%;
23; Conservation
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                                                                                                                                                                                                                                                                   CTTTGCTACTGGCTGCAGCCCCC 33
                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 829 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTTGGGGTCTGGCTGCTGCCCCC 35
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JOE B. HARFORD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ARNIM PAUSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Suite 4700
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                                                                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                                                            Score 20; DB 4; Length 829; Pred. No. 76;
                                                                                                                                                                                                                                                                                                           Mismatches
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CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLI
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Database
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Post-processing:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Title:
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                             10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Published_Applications_NA:*
1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
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/cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US11_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*
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6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
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2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
2_6/ptodata/1/pubpna/US09 NEW PUB.seq:*
2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq:*
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6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
                                                                                  6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
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                                                                                                                                                                                                                                                                                                                                       pubpna/US09A_PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

1 2 3 4 4 4 4 7 7 8 8 8 9 110 111	Result No.
22222222 2222222 2222222 332222 3322	Score
100.0 97.1 67.1 67.1 67.1 67.1 67.1 67.1 63.5	Query Match
34 1254 1012 1345 1345 1345 13186 13035 15186 481	Query Match Length DB
1135 125 135 135 135 135	DB
US-10-085-612-2 US-10-085-612-6 US-10-085-612-4 US-09-957-997-4 US-09-943-115A-1 US-10-165-612-3 US-10-165-612-3 US-10-121-960C-14 US-10-121-960C-17 US-10-121-960C-17 US-10-121-960C-17 US-10-121-960C-17 US-10-121-960C-17 US-10-121-960C-17 US-10-121-960C-17 US-10-121-960C-17	ID
Sequence 2, Appli Sequence 6, Appli Sequence 4, Appli Sequence 4, Appli Sequence 1, Appli Sequence 3, Appli Sequence 3, Appli Sequence 1, Appli Sequence 11, Appli Sequence 17, Appli Sequence 72580, A Sequence 72580, A	Description

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58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	•		60.0	٠	61.2	61.8	62.9	62.9	
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e 6923,	e 21379 e 3898,	e 86	Sequence 25, Appl	H	e 57	322	726	54	14		29	231	23,	23,	æ	e 97578		489,									Sequence 64169, A	355,	Sequence 285947,	Pedrence 700047

ALIGNMENTS

Sequence 2, Application US/10085612 Publication No. US20030096251A1

INFORMATION:

APPLICANT: Guida, Marc APPLICANT: Hall, Jeff APPLICANT: Petros, Wi

Petros, William

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-612-2
                                                                                                                                                                                                                                                    TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals;

TITLE OF INVENTION: Compositions Therefor

FILE REFERENCE: 4389-5-C1

CURRENT APPLICATION NUMBER: US/10/085,612

CURRENT FILING DATE: 2002-02-26

PRIOR APPLICATION NUMBER: 09/144,367

PRIOR FILING DATE: 1998-08-31

PRIOR PILING DATE: 1998-08-31

PRIOR APPLICATION NUMBER: 60/271,630

PRIOR PILING DATE: 2001-02-26

NUMBER OF SEQ ID NOS: 6

SOFTWARE: Patentin version 3.0

SEQ ID NO 2
                                                                                 Query Match
Best Local Similarity
Matches 34; Conserv
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                                      CGATTCTTTGCTACTGGCTGCAGCTGCAGCCCCG 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Vredenburgh, James
Colvin, Oliver
Marks, Jeffrey
                                                                                 100.0%; Score 34; DB 14; ilarity 100.0%; Pred. No. 0.00043; Conservative 0; Mismatches 0;
                                                                                                                          Length 34;
                                                                                     Indels
                                                                                   0
                                                                                 Gaps
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1004 CGATTCTTTGCTACTGGCTGCAGCTGCAGCCCC 1036

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APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Hetros, William
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTMARE: Patentin version 3.0
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                                                                                                                                                                          ; LENGTH: 1254
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-612-4
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US-10-085-612-4
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                                                              Query Match
Best Local Similarity
Matches 33; Conserv
                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.0 SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/10085612 Publication No. US20030096251A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
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APPLICANT: Hall, Jeff
APPLICANT: Petros, Wil
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TYPE: DNA
ORGANISM: Homo sapiens
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CGATTCTTTGCTACTGGCTGCAGCTGCAGCCCC 33
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                                                                           Conservative
                                                                        97.1%; Score 33; DB 14; Length 1254;
100.0%; Pred. No. 0.0014;
tive 0; Mismatches 0; Indels
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TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
TITLE OF INVENTION: POLYMORPHISMS
FILE REFERENCE: 52459-20021.00
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: UK 0021286.0
PRIOR FILING DATE: 2000-08-30
PRIOR FILING DATE: 2000-08-30
INUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
SEQ ID NO 1
LENGTH: 1345
                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: SEQUENOM, Inc.
APPLICANT: Risinger, Carl
APPLICANT: Anderson, Maria
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
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FILE REFERENCE: 13425-046001
CURRENT APPLICATION NUMBER: US/09/957,997
CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
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EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                    US-09-943-115A-1
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                                                                           Matches
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Best Local S
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                                                                                             Query Match
Best Local Similarity
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APPLICANT: Bertilsson, Gran
APPLICANT: Blomquist, Patrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1012
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                    TYPE: DNA
ORGANISM: Homo sapiens
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1035 TGCTACTGGCTGCAGCTCCAGCCCTG 1060
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                                                                           Conservative
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                                                                                             92.3%;
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Pred. No. 18;
                                                                                             Score 22.8;
Pred. No. 18;
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RESULT 6 US-10-146-575-3 ; Sequence 3, Application US/10146575

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RESULT 8
US-09-957-997-1
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APPLICANT: Guido, Marco
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 58
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                                                                                                                                                                                                                                                                                                                                SEQ ID NO 3
LENGTH: 1345
TYPE: DNA
ORGANISM: Homo sapiens
Sequence 1, Application US/09957997
Patent No. US20020150915A1
GENERAL INFORMATION:
APPLICANT: Berkenstam, Anders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 3
LENGTH: 1345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                   -10-085-612-3
                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Petros, Wi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals TITLE OF INVENTION: Compositions Therefor FILE REFERENCE: 4389-5-C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Petros, William APPLICANT: Vredenburgh, James APPLICANT: Colvin, Oliver APPLICANT: Marks, Jeffrey
                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 3.0
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NAME/KEY: Other
LOCATION: (0)...(0)
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ORGANISM: H. sapiens
                                                                                                                                                                                                                                                    Local
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                                                                                                                                                          1035
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                                                                                                                                                                                                                                                      Similarity
                                                                                                                                                        TECTACTESCTECASCTCCASCCCTS 1060
                                                                                                                                                                                           TGCTACTGGCTGCAGCTGCAGCCCCG 34
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92.3%;
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                                                                                                                                                                                                                                  Score 22.8; D
Pred. No. 18;
0; Mismatches
                                                                                                                                                                                                                                                                         DB 14;
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                                                                                                                                                                                                                                                                       Length 1345;
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US-10-121-960C-17
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Sequence 17, Application US/10121960C Publication No. US20030145341A1 GENERAL INFORMATION:

APPLICANT: APPLICANT:

CONTAG, Pamela PURCHIO, Anthony HASHIMA, Sandy

Shirley

APPLICANT: ZHANG, APPLICANT: CONTA

Weisheng

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-957-997-1
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US-10-121-960C-14
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
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Best Local Similarity
                                                                      Matches
                                                                                                          Query Match
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                                                                                          Best Local Similarity
                                                                                                                                                                                                                                                                                                                APPLICANT: MA, Shirley
APPLICANT: NAWOTKA, Kevin
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF MOUSE AND HUMAN
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH
TITLE OF INVENTION: CYTOCHROME EXPRESSION
FILE REFERENCE: 9400-0014 / PXE-014.US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: ZHANG,
APPLICANT: CONTA
APPLICANT: PURCH
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EARLIER FILING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
SOFTMARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: PROMOTER SEQUENCES
FILE REFERENCE: 13425-046001
CURRENT APPLICATION NUMBER: US/09/957,997
CURRENT FILING DATE: 2001-09-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bertilsson, Gran .
APPLICANT: Blomquist, Patrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: human CYP3A4 gene locus
                                                                                                                                                                                                                          LENGTH: 13035
TYPE: DNA
12860
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                                                                      24;
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TGCTACTGGCTGCAGCTCCAGCCCTG 12885
                                 TGCTACTGGCTGCAGCTGCAGCCCCG 34
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                                                                        Conservative
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92.3%;
                                                                                        67.1%;
                                                                      0; Mismatches
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                                                                                        Score 22.8;
Pred. No. 21;
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Pred. No. 21;
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US-10-632-72580
US-10-027-632-72580
; Sequence 72580, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
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PRIOR FILLING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILLING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILLING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILLING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
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US-10-121-960C-17
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Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                     Query Match
Best Local :
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LENGTH: 481
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Best Local
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TITLE OF INVENTION: CYTOCHROME EXPRESSION FILE REFERENCE: 9400-0014 / PXE-014.US CURRENT APPLICATION NUMBER: US/10/121,960C CURRENT FILLING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 19
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                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                     63.5%;
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Pred. No. 22;
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                                                                                   ; ORGANISM: Human US-10-027-632-285947
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US-10-027-632-72580
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PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
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                                                                                                                                                SEQ ID NO 285947
LENGTH: 599
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SOFTWARE: FRANCSEQ for Windows Version 4.0
SEQ ID NO 72580
LENGTH: 481
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                     Best Local
                                           Query Match
    Matches
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PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
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CURRENT FILING DATE: 2002-04-30
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
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PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR FILING DATE: 1999-09-28
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                                                                                                                                 TYPE: DNA
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l Similarity
25; Conserv
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                     62.9%;
  Score 21.4; D
Pred. No. 65;
0; Mismatches
    <u>.</u>
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Pred. No. 53;
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                                           DB 13;
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                                         Length 599;
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ATTCTTTGCTACTGGCTGCAGCTGCAGCCCC

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APPLICANT: Williams, Amanda
APPLICANT: Boland, Joseph F.
APPLICANT: Lord, Reginald V.
APPLICANT: Lord, Reginald V.
APPLICANT: Lord, Reginald V.
APPLICANT: Lord, Reginald V.
APPLICANT: Wetzel, Jon C.
APPLICANT: Wetzel, Jon C.
APPLICANT: Vockley, Joseph G.
APPLICANT: Vockley, Joseph G.
TITLE OF INVENTION: Gene Expression Profiles in Esophageal Tissue
FILE REFERENCE: 44921-5026
CURRENT APPLICATION NUMBER: US/10/240,425
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: PCT/US01/09847
PRIOR APPLICATION NUMBER: PCT/US01/09847
PRIOR APPLICATION NUMBER: WS 60/193,446
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2000-03-31
NUMBER: OF SEQ ID NOS: 1588
SOFTWARE: PAECHLIN Ver. 2.1
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; ORGANISM: Human
US-10-027-632-285947
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US-10-027-632-285947/c
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CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR PILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-10-23
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
SEQ ID NO 355
LENGTH: 3800
TYPE: DNA
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LENGTH: 599
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PRIOR FILING DATE: 199-08-09
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
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Similarity 80.6%;
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Pred. No. 65;
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                                                                                                ; ORGANISM: Homo sapiens ; PEATURE: OTHER INFORMATION: Genbank Accession No. US20040033502A1 AB020697 US-10-240-425-355
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                                                Matches
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Best Local Similarity
464 CGATGCTGAGCGGCAGGCTGCAGCTGCAGCC 494
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               1 CGATTCTTTGCTACTGGCTGCAGCTGCAGCC
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ilarity 80.6%;
Conservative
                                               Score 21.4; Di
Pred. No. 73;
O; Mismatches
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Search completed: January 26, 2005, 18:15:45 Job time: 243.022 secs

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Maximum Match 100%
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/cgn2 6/ptodata/1/ina/6B_COMB.seq:*
/cgn2 6/ptodata/1/ina/6B_COMB.seq:*
/cgn2 6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PcTUS_COMB.seq:*
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 GenCore
(c) 1993
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        US-09-134-000C-1773
US-09-08-979A-8
US-09-406-618-8
US-09-450-618-8
US-09-310-2358-8
US-09-310-2358-8
US-09-513-999C-21256
US-09-621-976-15687
US-09-034-088A-2
US-08-465-293A-1
US-08-465-293A-1
US-09-102-977-1
US-09-102-977-1
US-09-102-977-1
US-09-781-811-1
US-09-596-002-35
US-09-621-976-654
US-09-270-767-27434
US-09-543-681A-3164
US-08-437-607A-4
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US-09-372-339-2
US-09-144-367-3
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- 2005 Compugen Ltd
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69.1	69.1	69.1	69.1	69.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.9	70.9	70.9	70.9
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US-09-513-999C-12485	US-09-621-976-16615	US-09-621-976-2091	US-09-540-236-681	US-09-513-999C-31715	US-09-579-288-4	US-09-579-288-1	US-09-903-603A-226	US-09-906-700-226	US-09-902-775A-226	US-09-905-125A-226	US-09-907-794A-226	US-09-579-288-3	US-09-248-796A-2520	US-10-274-194-3	US-09-984-890-3	US-09-098-487-3	US-08-676-974-3
Sequence 12485, A	Sequence 16615, A	Sequence 2091, Ap	Sequence 681, App	Sequence 31715, A	Sequence 4, Appli	Sequence 1, Appli	Sequence 226, App	Sequence 226, App	Sequence 226, App	Sequence 226, App	Sequence 226, App	Sequence 3, Appli	Sequence 2520, Ap	Sequence 3, Appli	Sequence 3, Appli	Sequence 3, Appli	Sequence 3, Appli

ALIGNMENTS

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Sequence 2, Application US/09372339
Patent No. 6174684
GENERAL INFORMATION:
APPLICANT: Rebbeck, Timothy
APPLICANT: Felix, Carolyn
TITLE OF INVENTION: CYP3A4 NFSE Variant and Met
FILE REFERENCE: PENN-0695
CURRENT APPLICATION NUMBER: US/09/372,339
CURRENT FILING DATE: 1999-08-11
EARLIER APPLICATION NUMBER: 60/096,586
EARLIER FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 1345
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Patent No. 6174684
GENERAL INFORMATION:
APPLICANT: Rebbeck, Timothy
APPLICANT: Felix, Carolyn
TITLE OF INVENTION: CYPJA4 NFSE Variant and Me
FILE REFERENCE: PENN-0695
CURRENT APPLICATION NUMBER: US/09/372,339
CURRENT FILING DATE: 1999-08-11
EARLIER APPLICATION NUMBER: 66/096,586
EARLIER FILING DATE: 1998-08-14
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 1345
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-372-339-1
; TYPE: DNA
; ORGANISM: Homo
US-09-372-339-2
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US-09-372-339-1
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100.0%; Pred. No.
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US-09-144-367-3
                                                                                                   ; NAME/KEY: misc_feature
; LOCATION: (30)..(30)
; OTHER INFORMATION: Nucleotide 30 is "n" wherein
US-09-134-000C-1773
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US-09-134-000C-1773/c
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LENGTH: 1345
TYPE: DNA
                                                                                                                                                                                                                                    APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPBUTICS
FILE REFERENCE: 032796-032
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US/09/134,000C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR APPLICATION NUMBER: US 60/055,778
PRIOR TILING DATE: 1997-08-15
NUMBER OF SEQ ID NOS: 6812
SOFTWARE: PATCHIN Version 3.1
SEQ ID NO 1773
                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Lynn Dou
                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1773, Application US/09134000C Patent No. 6617156
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Best Local Similarity
                                                 Query Match.
Best Local Similarity
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PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                      ORGANISM: Enterococcus faecalis FEATURE:
                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                       ENGTH:
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100.0%; Pred. No. 0.17;
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                                   Score 18.8; D
Pred. No. 7.4;
0; Mismatches
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                                                                   Length 5400;
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                                                                                                                                                                                                                                                                            Sequence 8, Application US/09460618
Patent No. 6235482
GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
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INFORMATION FOR SEQ ID NO:
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ZIP: 77210-4433
ZOMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Kammerer, Patricia A.
REGISTRATION NUMBER: 29,775
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                         NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                             APPLICANT: Conner, Timothy W. TITLE OF INVENTION: Strawberr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (713) 787-1438
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Conner, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 752 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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CITY: Houston
                                                                                                                                                     STREET: P.O. F
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                                                                                                        COUNTRY: USA
ZIP: 77210-4433
                                                                                                                                                                                             ADDRESSEE:
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                                                                                                                                                                         EE: Carmen Rodriguez,
P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Carmen Rodriguez, Paralegal, Arnold, White & Durkee
P.O. Box 4433
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Pred. No. 31;
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APPLICATION NUMBER: FILING DATE: CLASSIFICATION:

US/09/460,618

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RESULT 8
US-09-513-999C-21256/c
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           GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
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SEQ ID NO 8
LENGTH: 752
TYPE: DNA
ORGANISM: fragaria x ananassa
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Best Local Similarity
Matches 19; Conserv
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Best Local Similarity 86.4%;
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Patent No. 6392030
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CURRENT APPLICATION NUMBER: US/09/310,235B
CURRENT FILING DATE: 1998-05-12
NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: STRAW,
FILE REFERENCE: MOBT058--
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 752 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Kammerer, Patricia A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: MOBT:058 (38-21(10613)A)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 787-1438
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                    305 ATCTGTAGGTGAACCTTGTTGG 326
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SEQ ID NOS: 36681
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ilarity 86.4%;
Conservative
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Pred. No. 3
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Pred. No. 31;
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Sequence 15637, Application US/09621976

Patent No. 6639063

GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.V.
APPLICANT: Giordano, J.V.
ITILE OF INVENTION: ESTS and Encoded Human FILER REFERENCE: GENSET.054PR2

CURRENT APPLICATION NUMBER: US/09/621,976

CURRENT FILING DATE: 2000-07-21

NUMBER OF SEQ ID NOS: 19335

SOFTWARE: Patent.pm

SEQ ID NO 15687
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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: OLIGONUCLEOTIDE US-09-034-088A-26
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US-09-034-088A-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-15687
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                                                                                                                  NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin Ve
SEQ ID NO 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity
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LENGTH: 211,
                                                                                                                                                                                                                                                                                                                             GENERAL
                                                                                                                                                                                                                                                                                                                                            Sequence 26, Application US/09034088A Patent No. 6310034
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                                                                                                                                                                                                                                  APPLICANT: WOYCHIK, RICHARD P.
APPLICANT: BULTWAN, SCOTT J.
APPLICANT: MICHAUD, EDWARD J.
TITLE OF INVENTION: METHODS AND POLYPEPTIDES
FILE REFERENCE: 4310.001600
                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/034,088A CURRENT FILING DATE: 1998-03-03 PRIOR APPLICATION NUMBER: 08/064,385 PRIOR FILING DATE: 1993-05-21
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LOCATION: 13
OTHER INFORMATION: r=a or g
                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                    ENGTH:
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Local Similarity 85.7%;
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85.7%;
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Pred. No. 86;
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Pred. No. 7
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RESULT 12
US-08-465-293A-1
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PRIOR FILING DATE: 1993-05-21
NUMBER OF SEQ ID NOS: 30
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 26
LENGTH: 640
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
OTHER INFORMATION: OLIGONUCLEOTIDE
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/08465293A Patent No. 5789651
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: WOYCHIK, RICHARD P.
APPLICANT: BULTMAN, SCOTT J.
APPLICANT: MICHAUD, EDWARD J.
TITLE OF INVENTION: AGOUTI POLYNUCLEOTIDE COMPOSITIONS AND METHODS OF
FILE REFERENCE: 4310.001682
CURRENT APPLICATION NUMBER: US/09/781,811
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: 09/034,088
PRIOR FILING DATE: 1998-03-03
PRIOR FILING DATE: 1998-03-03
PRIOR FILING DATE: 1998-03-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                            OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                            PRIOR APPLICATION DATA:
                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: 180
TITLE OF INVENTION: AGO
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                            STATE: 20004
                                              APPLICATION NUMBER: US/08/465,293A FILING DATE: 05-JUN-1995 CLASSIFICATION: 435
APPLICATION NUMBER: 08/0 FILING DATE: 21-MAY-1993
                                                                                                                                                                                                                                      STREET: 555 13th CITY: Washington
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Similarity 85.7%;
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555 13th Street, N.W.,
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              08/064,385
                                                                                                                                                                   3.50 inch,
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Pred. No. 9
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Pred. No. 92;
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                                                                                                                                                                                                                                    Sequence 1, Application US/08463387A
Patent No. 5843652
GENERAL INFORMATION:
APPLICANT: Woychik, Richard P.
TITLE OF INVENTION: Isolation and Characterization of
TITLE OF INVENTION: Agouti A Diabetes/Obesity Related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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DEVELOPMENTAL STAGE: 1
TISSUE TYPE: Neonatal
TISSUE TYPE: testis.
THMEDIATE SOURCE:
LIBRARY: Neonatal skir
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HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
              COMPUTER: 1BM COMPATIBLE
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
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LENGTH: 692 nucleotides
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OTHER INFORMATION: In a
OTHER INFORMATION: Ago,
OTHER INFORMATION: diak
OTHER INFORMATION: tiss
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STATE: L.
20004
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NAME: Edward A. Pennington
REGISTRATION NUMBER: 32,588
2240-7054
                                                                                                                                                                    STREET:
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   APPLICATION
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18; Conserv
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                                                                                                                                    District of Columbia
                                                                                                                                                                    E: Morgan & Finnegan
555 13th Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scott J. Boltman, Edward J. Michaud, and Richard P. Woychik
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85.7%;
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US/08/463,387A
                                                                                 3.50 inch,
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Pred. No. 9
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                                                                                                                                                                        Suite #480 West
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FILING DATE:

05-JUN-1995

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US-09-102-977-1
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NAME/KEY:
                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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POSITION IN GENOME:
CHROMOSOME/SEGMENT: Agouti locus of mouse chromosome
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                                                                                                        NUMBER OF SEQUENCES: 1
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COMPUTER READABLE FORM:
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COUNTRY: US..
77210-4433
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REGISTRATION NUMBER: 32,588
REFERENCE/DOCKET NUMBER: 2240-7054
                                                                                                                                                                                                                                                                                                                                                                                       Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                     JOURNAL: Submitted to CELL RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE: Molecular Characterization of the Mouse Agouti TITLE: Locus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AUTHORS: Scott J. Boltman, Edward J. Michaud, and Richard AUTHORS: P. Woychik
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STRAIN: C3H Strain
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                                                                               P.O. Box 4433
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                                                                                                                                        Richard P.
ISOLATION AND CHARACTERIZATION OF AGOUTI
A DIABETES/OBESITY RELATED GENE
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Pred. No. 94;
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; ORGANISM: Mus musculus
US-09-034-088A-1
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US-09-102-977-1
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                                                                                                                                                                             SOFTWARE:
SEQ ID NO 1
                                                          Matches
                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/034,088A CURRENT FILING DATE: 1998-03-03 PRIOR APPLICATION NUMBER: 08/064,385
                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 30
                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1993-0
                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                                                                                                                                                                                               APPLICANT: BULTMAN, SCOTT J.

APPLICANT: MICHAUD, EDWARD J.

TITLE OF INVENTION: METHODS AND POLYPEPTIDES ENCODED BY AGOUTI GENE
                                                                                                                                                                                                                                                                                                                             APPLICANT: WOYCHIK, RICHARD P. APPLICANT: BULTMAN, SCOTT J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (512)474-757
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                              LENGTH: 692
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 0 FILING DATE: 23-JUL-1997 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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les 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 692 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Kitcherr, 23,928
REGISTRATION NUMBER: 33,928
ORNL:014--1
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(512) 474-7577
                                                        Conservative
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                                                                      Score 16.2;
Pred. No. 94;
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Pred. No. 9
587
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Search completed: January 26, 2005, 13:15:20

Job time : 30.1917 secs

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Database
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
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Perfect score:
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Gapop 10.0 , Gapext 1.0
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22
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/cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
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Copyright (c) 1993 - 2005 Compugen Ltd.
/cgn2_6/ptodata/1/pubpna/USOSE_PUBCOMB.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
                                                                                                                                                                                                                                                                                                                                            6/prodata/1/pubpna/US08_NEW_PUB.seq:*
_6/prodata/1/pubpna/US08_PUBCOMB.seq:*
_6/prodata/1/pubpna/US09A_PUBCOMB.seq:*
                                                                                                                                                                                                                                                                                                                                                                                                                               /ptodata/1/pubpna/US07_NEW_PUB.seq:*
/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Score	Query Match	Query Match Length DB	B	ID	Description
1	22	100.0	1345	10	US-09-943-115A-1	Sequence 1, Appli
2	22	100.0	1345	14	US-10-146-575-3	Sequence 3, Appli
ω	22	100.0	1345	14	US-10-085-612-3	Sequence 3, Appli
4.	22	100.0		15	US-10-121-960C-14	Sequence 14, Appl
v	22	100.0		15	US-10-121-960C-17	Sequence 17, Appl
6	20	90.9	26	18	US-10-114-908-9	Sequence 9, Appli
7	19.4	88.2		15	US-10-085-117-235	Sequence 235, App
æ	18.8	85.5		9	US-09-957-997-4	Sequence 4, Appli
. 9	18.8	85.5		9	US-09-070-927A-78	Sequence 78, Appl
10	18.8	85.5		9	US-09-957-997-1	Sequence 1, Appli
11	17.8	80.9	1378	9	US-09-820-893-28	Sequence 28, Appl
12	17.8	80.9		16	US-10-607-565-28	Sequence 28, Appl

RESULT 2

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45		43																												15		13
16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	J	J	17.2	7	17.2
74.5	76.4	76.4	76.4	•	76.4	76.4	76.4	76.4	76.4	76.4			76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	σ	76.4	76.4	76.4	76.4	76.4	6.4			78.2	78.2	78.2
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US-10-437-963-16133	US-10-092-154-1611	US-09-764-847-1611	US-10-092-154-1612	US-09-764-847-1612	US-10-108-260A-1314	US-10-424-599-130260	US-10-106-698-1522	US-10-027-632-26515	US-10-027-632-26514	US-10-027-632-26515	US-10-027-632-26514	US-10-027-632-243834	US-10-027-632-243833	US-10-027-632-243832	US-10-027-632-243834	US-10-027-632-243833	US-10-027-632-243832	US-10-425-115-51727	US-10-027-632-294477	US-10-027-632-294476	US-10-027-632-69618	US-10-027-632-69617	US-10-027-632-294477	US-10-027-632-294476	US-10-027-632-69618	US-10-027-632-69617	US-10-437-963-94546	US-10-175-523-87	US-10-257-166-47	US-10-602-441-5	US-10-085-612-4	US-10-425-115-172581
Sequence 16133, A	Sequence 1611, Ap	1611, /	Sequence 1612, Ap		Sequence 1314, Ap			Sequence 26515, A	•		26514,	Sequence 243834,		24383								•			696		945	87,	Sequence 47, Appl	5,		173

ALIGNMENTS

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APPLICANT: Risinger, Cari

APPLICANT: Andersson, Maria
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
TITLE OF INVENTION: POLYMORPHISMS
FILE REFERENCE: 52459-20021.00
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: UK 0021286.0
PRIOR FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSEQ for Windows Version 4.0
묽
                                   Ś
                                                                                                                                                     ; LENGTH: 1345
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-943-115A-1
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US-09-943-115A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09943115A Publication No. US20030017469A1 GENERAL INFORMATION:
                                                                Query Match
Best Local Similarity
Matches 22; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: SEQUENOM, Inc.
APPLICANT: Risinger, Car
APPLICANT: Andersson, Ma
745 Arcigradererectricites 766
                      1 ATCTGTAGGTGTGGCTTGTTGG 22
                                                                        100.0%; Score 22; illarity 100.0%; Pred. No. 2 Conservative 0; Mismatche
                                                                              Mismatches
                                                                                                                  DB 10;
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                                                                                                                  Length 1345;
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RESULT 4
US-10-121-960C-14
US-10-121-960C-14
; Sequence 14, Application US/10121960C
; Publication No. US20030145341A1
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APPLICANT: Guido, Marco
APPLICANT: Guido, Marco
FILE REFERENCE: SEO-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEO ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Petros, Willi
APPLICANT: Vredenburgh,
APPLICANT: Colvin, Olive
APPLICANT: Marks, Jeffre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/10146575 Publication No. US20030059800A1 GENERAL INFORMATION:
                                                                                                                                                                                                                    Query Match 100.0%; Score 22; DB Best Local Similarity 100.0%; Pred. No. 2.6;
                                                                                                                                                                                                                                                                                               SEQ ID NO 3
LENGTH: 1345
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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                                                                                                                                                                                                   Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1345
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
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RESULT 6 US-10-114-908-9

Sequence 9, Application US/10114908 Publication No. US20040229222A1 GENERAL INFORMATION:

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GENERAL INFORMATION:
APPLICANT: ZHANG, Weisheng
APPLICANT: CONTAG, Pamela
APPLICANT: PURCHIO, Anthony
APPLICANT: HASHIMA, Sandy
APPLICANT: WA, Shirley
APPLICANT: WA, Shirley
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APPLICANT: ZHANG, Weisheng
APPLICANT: CONTAG, Pamela
APPLICANT: PURCHIO, Anthony
APPLICANT: HASHIMA, Sandy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 13035
                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local
                                                                              Matches
                                                                                                 Query Match
Best Local Similarity
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APPLICANT: NAWOTKA, EVIN
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS
TITLE OF INVENTION: CYTOCHROME EXPRESSION
FILE REFERENCE: 9400-0014 / PXE-014.US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 9400-0014 / PXE-014.US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 19
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: NAWOTKA, KEVIN
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF MOUSE AND HUMAN
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH
TITLE OF INVENTION: CYTOCHROME EXPRESSION
                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: human CYP3A4 gene locus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: CYP3A4-luc transgene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 22; Local Similarity 100.0%; Pred. No. 108 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12570
12570
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                                      1 ATCTGTAGGTGTGGCTTGTTGG 22
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ATCTGTAGGTGTGGCTTGTTGG 12591
                                                                                Conservative
                                                                                                 100.0%; Score 22;
100.0%; Pred. No.
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                                                                                                    2.8;
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                                                                                                                     Length 15185;
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ASSOCIATED WITH
                                                                                   Indels
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; FEATURE:
; NAME/KEY: variation
; LOCATION: (1)...(33488)
; OTHER INFORMATION: n =
US-10-085-117-235
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US-10-085-117-235
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             APPLICANT: Berkenstam, Anders
APPLICANT: Bertilsson, Gran
APPLICANT: Blomquist, Patrik
TITLE OF INVENTION: PROMOTER SEQUENCES
FILE REFERENCE: 13425-046001
CURRENT APPLICATION NUMBER: US/09/957,997
CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
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TITLE OF INVENTION: P450 Single Nucleotide Polymorphism Biochip Analysis
FILE REFERENCE: A-70398-1/RMS/DLR
CURRENT APPLICATION NUMBER: US/10/114,908
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: US 60/280,583
PRIOR APPLICATION NUMBER: US 60/280,583
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 277
SOFTWARE: PatentIn version 3.1
SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 235
LENGTH: 33488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 235, Application US
Publication No. US2003023233
GENERAL INFORMATION:
APPLICANT: Morris, David W.
APPLICANT: Engelhard, Eric
                                                                                                                                                                                                     Sequence 4, Application US/09957997 Patent No. US20020150915A1
                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER FILE REFERENCE: 529452000121
CURRENT APPLICATION NUMBER: US/10/085,117
CURRENT FILING DATE: 2002-02-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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APPLICATION NUMBER: 60/238,895
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5. US20030232334A1
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Pred. No.
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Pred. No. 4
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; LENGTH: 1012
; TYPE: DNA
; ORGANISM: HOMO &
US-09-957-997-4
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                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO: US-09-070-927A-78
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NUMBER OF SEQ ID NOS: 15
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 4
                                                   Matches
                                                                                  Query Match
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Best Local Similarity
                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                               PILING DATE: 04-May-2000
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/046,655
FILING DATE: 1997-05-16
APPLICATION NUMBER: 60/044,031
FILING DATE: 1997-05-06
                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/070,927A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 20850
COMPUTER REALABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 982
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Charles A.
Patrick J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Enterococcus faecialis Polynucleotides and Polypeptides
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1 ATCTGTAGGTGTGGCTTGTTGG 22
                                                 l Similarity
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STATE: Maryland
COUNTRY: USA
                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                  NAME: Kenley K. Hoover
REGISTRATION NUMBER: 40,302
REFERENCE/DOCKET NUMBER: PB
                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/066,009
FILING DATE: 1997-11-14
                                                                                                                                                                                                LENGTH: 7053 base pairs
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                                                                                                                                                                                                                                                                 TELEPHONE:
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                                                                                                                                                                                                                                                    ELEFAX:
                                                   Conservative
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                                                                 Score 18.8;
Pred. No. 79
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Pred. No. 74;
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                                                                                Length 7053;
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RESULT 12
US-10-607-565-28
; Sequence 28, Application US/10607565
; Publication No. US20040048294A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
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US-09-820-893-28
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CURRENT APPLICATION NUMBER: US/09/820,893
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/531,119
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: 60/102,895
PRIOR FILING DATE: 1998-10-02
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patentin Ver. 2.0
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CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
SOFTMARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 28, Application US/09820893
Patent No. US20020076705A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 31 Human Secreted Proteins
                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 28
LENGTH: 1378
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APPLICANT: Bertilsson, Gran
APPLICANT: Blomquist, Patrik
TITLE OF INVENTION: PROMOTER SEQUENCES
FILE REFERENCE: 13425-046001
                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
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Pred. No. 2
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Pred. No. 80;
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; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_88977C.1
US-10-425-115-172581
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US-10-085-612-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 172581
LENGTH: 615
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 19; Conserv
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Best Local Similarity
Matches 19; Conserv
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SEQ ID NO 28
LENGTH: 1378
                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                     Sequence 4, Application US/10085612
Publication No. US20030096251A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 172581, Application US/10425115 Publication No. US20040214272A1
APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Hell, Jeff
APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals & TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US/09/531,119

PRIOR PILING DATE: 2000-03-20

PRIOR PELICATION NUMBER: EARLIER APPLICATION NUMBER: 60/101,546

PRIOR FILING DATE: EARLIER FILING DATE: 1998-09-23

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/102,895

PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: 31 Human Secreted Proteins FILE REFERENCE: PZ03391 CURRENT APPLICATION NUMBER: US/10/607,565 CURRENT FILING DATE: 2003-06-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Zea mays
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milarity 90.5%;
Conservative
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Pred. No. 2.1e
0; Mismatches
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APPLICANT: Geron Corporation
APPLICANT: Majundar, Anish Sen
APPLICANT: Majundar, Anish Sen
APPLICANT: Frolkis, Maria
APPLICANT: Frolkis, Maria
APPLICANT: Wang, Zhuo
TITLE OF INVENTION: Cancer Vaccines Containing Xenogeneic Epitopes of Telomerase Reve
TITLE OF INVENTION: Transcriptase
FILE REFERENCE: 086/002
CURRENT FILING DATE: 2003-06-24
PRIOR APPLICATION NUMBER: 05/10/602,441
CURRENT FILING DATE: 2003-06-24
PRIOR FILING DATE: 2002-06-27
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 4170
TYPE: DNA
ORGANISM: Mesocricetus auratus
US-10-602-441-5
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CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILLING DATE: 1998-08-31
PRIOR FILLING DATE: 1998-08-31
PRIOR FILLING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 1254
TYPE: DNA
ORGANISM: Homo sapiens
Search completed: January 26, 2005, 18:15:46 Job time : 156.956 secs
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Publication No. US20040106128A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 78.2%; Score 17.2; DB 14; Length 1254; Best Local Similarity 86.4%; Pred. No. 4e+02; Matches 19; Conservative 0; Mismatches 3; Indels 0;
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OM nucleic - nucleic search, using sw model
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Run on: January 26, 2005, 11:30:01; Search time 32.8 Seconds (without alignments) 520.089 Million cell updates/sec

Title: US-10-085-612A-18
Perfect score: 24
Sequence: 1 tatcagaaactcaagtggagccat 24

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 segs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

Issued_Patents_NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

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4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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	2275, Ap	11915, A	18339, A	3057, Ap	2677, Ap	449, App	14370, A	32, Appl	6, Appli	987, App	334, App	3, Appli	1, Appli	3079, Ap	34, Appl	34, Appl	34, Appl	

ALIGNMENTS

Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps Qy	e-1, Application US/09372339 No. 6174684 INFORMATION: INFORMATION: OF INVENTION: CATOLY ANT: Rebbeck, Timothy ANT: Pellx, Carolyn OF INVENTION: CYPDA4 NFSE Variant and Methods of Use Therefo EFERENCE: PERN-0695 I APPLICATION NUMBER: US/09/372,339 I FILING DATE: 1999-08-11 R APPLICATION NUMBER: 60/096,586 R FILING DATE: 1999-08-14 OF SEQ ID NOS: 6 RE: Patentin Ver. 2.0 NO 1 NO 1 NSW: Homo sapiens -339-1 atch 100.0%; Score 24; DB 3; Length 1345; cal Similarity 100.0%; Pred. No. 0.012;
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                                                                                                                                           ; TYPE: DNA
; ORGANISM: Candida albicans
US-09-248-796A-2251
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US-09-248-796A-2251
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US-09-144-367-3/c
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APPLICANT: Guido, Marco
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
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LENGTH: 1345
TYPE: DNA
                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
SEQ ID NO 2251
LENGTH: 588
                                                                       Matches
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Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR PILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                         APPLICANT: Keith Weinstock et al TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 3.0
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NAME/KEY: Other
LOCATION: (0)...(0)
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                                                                     Local Similarity
nes 18; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   870 TATCAGAAACTCAAGTGGAGCCAT 847
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                                                                       Conservative
                                                                                     70.0%;
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                                                                                      Score 16.8;
Pred. No. 4
                                                                       Mismatches
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RESULT 6
US-08-470-925-6
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US-08-222-719-6
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                                                                                            GENERAL INFORMATION:
APPLICANT: David D.
APPLICANT: Jae Woon
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                  Sequence 6, Application US/08470925 Patent No. 5866686
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/08222719 Patent No. 5846711
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                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/222,
FILING DATE: 04-April-1994
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/969,136
FILING DATE: 30-October-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: David
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ATTORNEY/AGENT INFORMATION:
NAME: Paul T. Clark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0
SOPTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEPAX: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                             NUMBER OF SEQUENCES:
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STATE: Massac
                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: double
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Massachusetts
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                                                                                              NUCLEAR HORMONE RECEPTOR-
INTERACTING POLYPEPTIDES AND
RELATED MOLECULES AND METHODS
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INTERACTING POLYPEPTIDES AND
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Pred. No. 52;
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COUNTRY:

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Patent No. 5962256
GENERAL INFORMATION:
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Best Local S
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PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/222,719
FILING DATE: 04-April-1994
CLASSIFICATION: 435
APPLICATION NUMBER: 07/969,136
FILING DATE: OCTOBER: 30, 1992
CLASSIFICATION: 435
CLASSIFICATION: 435
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: David D. Moore
APPLICANT: Jae Woon Lee
TITLE OF INVENTION: INVERTITLE OF INVENTION: RELAT
                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: 18M PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/222,719
FILING DATE: 04-April-1994
                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
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REFERENCE/DOCKET NUMBER: 00786/229003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
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NAME: Paul T. Clark
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette,
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TELEFAX: 200154
                                                                       APPLICATION NUMBER: US/08/471,613 FILING DATE: 06-June-1995
                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                   STATE:
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1: U.S.A.
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YSTEM: MS-DOS (Version 5.0)
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INTERACTING POLYPEPTIDES AND
RELATED MOLECULES AND METHODS
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Pred. No. 52;
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PCT-US93-10443-6
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PCT-US93-10443-6
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Best Local Similarity 82.6%;
Matches 19; Conservative
                                                                                                                                 APPLICATION NUMBER: 07/969,136
FILING DATE: October 30, 1992
ATTORNEY/AGENT INFORMATION:
NAME: PAULT INFORMATION:
NAME: PAULT INFORMATION:
REFERENCE/DOCKET NUMBER: 00786/0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-8906
TELEPAX: (617) 542-8906
                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 495
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: David D. Moore
APPLICANT: Jae W. Lee
APPLICANT: Jae W. Lee
TITLE OF INVENTION: NUCLEAR HORMONE RECEPTOR-
TITLE OF INVENTION: RELATED MOLECULES AND METHODS
TITLE OF INVENTION: RELATED MOLECULES AND METHODS
                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: MS-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US93/10443
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
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REFERENCE/DOCKET NUMBER: 00786/229001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEPAX: (617) 542-8906
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NAME: Paul T. Clark
                                                                                                         TELEFAX: 10-
TELEFAX: 200154
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                TOPOLOGY: 11
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            linear
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Pred. No. 52;
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RESULT 9
US-09-102-528-28/c
; Sequence 28, Application
; Patent No. 6207883
; Patent No. 6207883
                             Query Match
Best Local Similarity '
Marches 18; Conservat
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; MOLECULE TYPE:
US-09-102-528-28
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                                                                                                       ; ORGANISM: Homo sapiens
US-09-621-976-13491
                                                                                                                                                                                                                                                                                                                                                                US-09-621-976-13491/c
                                                                                                                                                                  SOFTWARE: Patent.pm
SEQ ID NO 13491
                                                                                                                                                                                                                                                                                                                 Patent No. 6639063
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                 Sequence 13491, Application US/09621976 Patent No. 6639063
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Best Local (
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Best Local
                                                                                                                                                                                                           APPLICANT: Dunas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 19335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 7815 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                     TYPE: DNA
                                                                                                                                                   LENGTH: 482
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: WO PCT/GB96/03191
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/102,528
                                                                                                                                                                                                                                                                                                                                                                                                                         3868 ATCACCAACTGAAGTGCAGCCAT 3846
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19; Conserv
3 TCAGAAACTCAAGTGGAGCCA 23
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                                              Conservative
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                                                         67.5%;
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Pred. No. 52;
0; Mismatches
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Pred. No. 95;
0; Mismatches
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                                                            Score 16.2;
Pred. No. 8:
                                            Mismatches
                                                                        DB 4;
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CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOPTWARE: Patent.pm
SEQ ID NO 18735
LENGTH: 374
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-621-976-18735
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US-09-150-867-2
RESULT 13
US-09-621-976-18740
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SOFTWARE: PATENTIN VER. 2.0
SEQ ID NO 2
LENGTH: 9626
                                                                                                                                      Matches
                                                                                                                                                      Best Local
                                                                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wood, Kenneth W.
APPLICANT: Sakowicz, Roman
APPLICANT: Goldstein, Lawrence S.B.
APPLICANT: Cleveland, Don W.
APPLICANT: The Regents of the University of California
APPLICANT: The Regents End-Directed Microtubule Motor Required for
TITLE OF INVENTION: Chromosome Congression
FILE REFERENCE: 18557C-000110US
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dumas Milne Edward APPLICANT: Jobert, S. APPLICANT: Giordano, J.Y. TITLE OF INVENTION: ESTs and FILE REFERENCE: GENSET.054PR2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/150,867
CURRENT FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: US 60/058,645
EARLIER FILING DATE: 1997-09-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: CDS
LOCATION: (143)..(9007)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                   TAGCAGACACACAATTGAAGCCAT 195
                                                                                                                                   Conservative
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85.7%;
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Pred. No.
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Pred. No. 1.6e+02
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                                                                                                                                                        DB 97;
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                                                                                                                                                                    Length 374;
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APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
APPLICANT: Giordano, J.Y.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTMARE: Patent.pm
SEQ ID NO 18740
LENGTH: 406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human P
FILE REFERENCE: GENSET 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OP SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 2114
LENGTH: 479
TYPE: DNA
ORGANISM: Homo sapiens
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US-09-543-681A-81
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; NAME/KEY: CDS
; LOCATION: 125..322
US-09-621-976-2114
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US-09-621-976-2114
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; ORGANISM: Homo sapiens
US-09-621-976-18740
Sequence 81, Application US/09543681A

Patent No. 6605709

GENERAL INFORMATION:
APPLICANT: GARY BRETON

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL

TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS

FILE REFERENCE: 2709.1002-001

CURRENT APPLICATION NUMBER: US/09/543,681A

CURRENT FILING DATE: 2000-04-05

PRIOR APPLICATION NUMBER: US 60/128,706

PRIOR FILING DATE: 1999-04-09

NUMBER OF SEQ ID NOS: 8344
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 66.7%;
Best Local Similarity 79.2%;
Matches 19; Conservative
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Pred. No. 1e+02;
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Pred. No. 99;
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Published Applications NA:*
1: /cgn2_6/ptodata/1/pubpna/US07_
2: /cgn2_6/ptodata/1/pubpna/PCT_N
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                        /ggn2_6/ptodata/1/pubpna/US09E_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
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/cgn2_6/ptodata/1/pubpna/US10E_PUB.seq:*
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6/ptodata/1/pubpna/US06_NEW PUB.seq:*
6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
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S_PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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74.2	74.2	76.7	78.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	Query Match
556	456	673	188	11186	1254	1012	15185	13035	1345	1345	1345	Query Match Length DB
9	17	18	9	ø	14	9	15	15	14	14	10	
US-09-917-800A-985	US-10-437-963-48048	US-10-653-047-6542	US-09-783-590-11156	US-09-957-997-1	US-10-085-612-4	US-09-957-997-4	US-10-121-960C-17	US-10-121-960C-14	US-10-085-612-3	US-10-146-575-3	US-09-943-115A-1	ID
Sequence 985, App	Sequence 48048, A	Sequence 6542, Ap	Sequence 11156, A	Sequence 1, Appli	Sequence 4, Appli	Sequence 4, Appli	Sequence 17, Appl	Sequence 14, Appl	Sequence 3, Appli	Sequence 3, Appli	Sequence 1, Appli	Description

RESULT 2

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45	44	43	42	C 41		39	38	c 37	36	35	34	33	32	.31	30	c 29	28	27	26			c 23		21	c 20	19	18	17	16	c 15		13
16.8	16.8	16.8	16.8	16.8	16.8	16.8	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2		17.4	17.4	17.4	•	17.6	17.8
70.0	70.0	70.0	70.0	70.0	70.0	70.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	72.5	72.5	72.5	72.5	73.3	73.3	74.2
584	584	584	584	549	534	410	1370	1281	1238	673	673	673	673	673	673	628	615	615	532	517	517	517	517	490	398	636	636	465	276	4043	4042	2724
15	15	13	13	9	15	10	18	16	16	15	15	15	13	13	13	18	15	IJ	15	15	15	13	13	5	10	15	13	9	9	15	15	17
US-10-027-632-186340	US-10-027-632-186339	US-10-027-632-186340	US-10-027-632-186339	US-09-867-550-1091	US-10-029-386-9264	US-09-918-995-22886	US-10-739-930-4661	US-10-424-599-43984	US-10-424-599-12818	-10-027-632	-10-027-632	US-10-027-632-219635		US-10-027-632-219636	-10-027-632	-10-425-115	US-10-027-632-225776	US-10-027-632-225776	US-10-102-524-1796	US-10-027-632-314056	US-10-027-632-77419	US-10-027-632-314056	US-10-027-632-77419	US-10-102-524-504	US-09-854-867-191	US-10-027-632-264198	US-10-027-632-264198	US-09-864-761-2044	US-09-864-761-18789	US-10-128-714-5347	US-10-128-714-347	US-10-437-963-48046
Sequence 186340,	Sequence 186339,			1091, 7	Sequence 9264, Ap	22886,	4661,		12818,	Sequence 219637,	Sequence 219636,		Sequence 219637,			Sequence 60396, A		225776	Sequence 1796, Ap	Sequence 314056,		Sequence 314056,	Sequence 77419, A	Sequence 504, App	Sequence 191, App	Sequence 264198,		Sequence 2044, Ap	1878	5347,	347	Sequence 48046, A

ALIGNMENTS

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APPLICANT: SEQUENOM, Inc.
APPLICANT: Risinger, Carl
APPLICANT: Andersson, Maria
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
TITLE OF INVENTION: POLYMORPHISMS
FILE REFERENCE: 52459-20021.00
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT FILING DATE: 2001-08-30
PRIOR FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 73
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                                  S
                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 1345
TYPE: DNA
ORGANISM: Homo sapiens
US-09-943-115A-1
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US-09-943-115A-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09943115A Publication No. US20030017469A1 GENERAL INFORMATION:
                                                                               Matches
                                                                                                Query Match
Best Local Similarity
870
                                                                           ch 100.0%;
1 Similarity 100.0%;
24; Conservative 0;
                                    1 TATCAGAAACTCAAGTGGAGCCAT 24
TATCAGAAACTCAAGTGGAGCCAT 847
                                                                             0
                                                                                                Score 24; I
Pred. No. 0.
                                                                               Mismatches
                                                                                                                  DB 10; Length 1345;
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                                                                             Gaps
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RESULT 4
US-10-121-960C-14/c
US-10-121-960C-14/c
; Sequence 14, Application US/10121960C
; Publication No. US20030145341A1
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-612-3
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US-10-085-612-3/c
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APPLICANT: Guido, Marco
PITTLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 24; DB 1. Best Local Similarity 100.0%; Pred. No. 0.17; Matches 24; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 3
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Publication No. US20030059800A1
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Best Local Similarity
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APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
NUMBER OF THE PRIOR OF THE PRIOR PRIO
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NAME/KEY: Other
LOCATION: (0)...(0)
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ORGANISM: H. sapiens
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RESULT 6
US-09-957-997-4/c
US-09-957-997-4/c
; Sequence 4, Application US/09957997
; Patent No. US20020150915A1
. GENERAL INFORMATION:
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US-10-121-960C-17/c
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                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: CYP3A4-luc transgene
US-10-121-960C-17
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                                                                                                                                                                                                                                                                                           FILE REFERENCE: 9400-0014 / PXE-014.US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
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APPLICANT: ZHANG, Weisheng
APPLICANT: CONTAG, Pamela
APPLICANT: CONTAG, Pamela
APPLICANT: HASHIMA, Sandy
APPLICANT: HASHIMA, Sandy
APPLICANT: MA, Shirley
APPLICANT: NAWOTKA, Kevin
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF MOUSE AND HUMAN
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH
TITLE OF INVENTION: CYTOCHROME EXPRESSION
FILE REFERENCE: 9400-0014 / PXE-014 US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
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LENGTH: 13035
                                                                                 Matches
                                                                                                     Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MA, Shirley
APPLICANT: NAWOTKA, SCEVIN
TITLE OF INVENTION: ISCULATION AND IDENTIFICATION OF MOUSE AND HUMAN
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH
TITLE OF INVENTION: CYTOCHROME EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ZHANG, Weisheng
APPLICANT: CONTAG, Pamela
APPLICANT: PURCHIO, Anthon
APPLICANT: HASHIMA, Sandy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: human CYP3A4 gene locus
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                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                         LENGTH: 15185
                                                                                                     Local Similarity
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12695
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                                       1 TATCAGAAACTCAAGTGGAGCCAT 24
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TATCAGAAACTCAAGTGGAGCCAT 12672
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HASHIMA, Sandy
MA, Shirley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                   100.0%; Score 24;
100.0%; Pred. No.
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                                                                                 Mismatches
                                                                                                     0.25;
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APPLICANT: Berkenstam,

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; ORGANISM: Homo sapiens
US-10-085-612-4
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US-10-085-612-4/c
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; LENGTH: 1012
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-957-997-4
                                                                                                          US-09-957-997-1/c
                                                                                                                            RESULT 8
                                                   Sequence 1, Application US/09957997 Patent No. US20020150915A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/10085612
Publication No. US20030096251A1
GENERAL INFORMATION:
APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 4
LENGTH: 1254
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CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
APPLICANT: Berkenstam, Anders
APPLICANT: Bertilsson, Gran
APPLICANT: Blomquist, Patrik
                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 2001-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Methods for Evaluating IITLE OF INVENTION: Compositions Therefor FILE REFERENCE: 4389-5-C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TILE OF INVENTION: PROMOTER SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NPPLICANT: Blomquist,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
                                                                                                                                                                              905 TATCAGAAACTGAAGTGGAGCCAT 882
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                                                                                                                                                                                                        1 TATCAGAAACTCAAGTGGAGCCAT 24
                                                                                                                                                                                                                                                  23;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Petros, William
Vredenburgh, James
Colvin, Oliver
Marks, Jeffrey
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                                                                                                                                                                                                                                                               93.3%;
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Pred. No. 0.97;
                                                                                                                                                                                                                                                                 Score 22.4;
Pred. No. 1;
                                                                                                                                                                                                                                                  Mismatches
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                                                                                                                                                                                                                                                                                   DB 14;
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                                                                                                                                                                                                                                                                                 Length 1254;
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CURRENT APPLICATION NUMBER: US/09/783,590
CURRENT FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 08/420,856
PRIOR FILING DATE: 1995-04-12
PRIOR APPLICATION NUMBER: 08/346,731
PRIOR FILING DATE: 1994-11-21
NUMBER OF SEQ ID NOS: 12485
SOFTWARE: PATECHIN VET. 2.0
SEQ ID NO 11156
LENGTH: 188
Query Match
Best Local Similarity
Tatches 20; Conserve
                                                                                   ; LOCATION: (188)
; OTHER INFORMATION: n equals a,t,g,
US-09-783-590-11156
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SEQ ID NO 1
SENGTH: 11186
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Dillon, Patrick J.
APPLICANT: Haseltine, Willia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/957,997
CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Human Genes, Sequences, FILE REFERENCE: PO-16.2C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: PROMOTER SEQUENCES
                                                                                                                          LOCATION: (176)
OTHER INFORMATION: n equals a,t,9,
NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: misc feature
LOCATION: (52)
OTHER INFORMATION: n equals a,t,g,
                                                                                                                                                                                                    LOCATION: (133)
OTHER INFORMATION: n equals a,t,g,
                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                  NAME/KEY: misc feature LOCATION: (85)
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                         NAME/KEY: misc feature
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                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: n equals a,t,g,
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23; Conserv
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                                 78.3%;
87.0%;
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Pred. No. 1.4;
0; Mismatches
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                                 Score 18.8;
Pred. No. 43;
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                                                DB 9; Length 188;
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Mismatches

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Indels

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Gaps

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162 ATCAGAAACTCAAGNGAAGGCAT 184

ATCAGAAACTCAAGTGGAGCCAT

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PRIOR APPLICATION UNMBER: 09/273,623
PRIOR FILING DATE: 1999-03-22
NUMBER OF SEQ ID NOS: 7860
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6542
LENGTH: 673
TYPE: DNA
ORGANISM: Aspergillus oryzae
FEATURE:
                                                                                                                      APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(52221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 48048
FLENKONTY 1-1
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                                                                                                                                                                                                                                                                                   APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 48048, Application US/10437963 Publication No. US20040123343A1
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Methods For Monitoring Multiple Gene TITLE OF INVENTION: Expression FILE REFERENCE: 5849.200-US CURRENT APPLICATION NUMBER: US/10/653,047 CURRENT FILING DATE: 2003-08-29 PRIOR APPLICATION NUMBER: US/09/533,559 PRIOR FILING DATE: 2000-03-22 PRIOR FILING DATE: 2000-03-22
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APPLICANT: Michael W. Rey
APPLICANT: Jeffrey R.Shuster
FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(456)
                                                              LENGTH: 456
TYPE: DNA
ORGANISM: Oryza sativa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (1)...(673)
OTHER INFORMATION: n = A,T,C or
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Local Similarity 95.0%;
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Peter Bjarke Olsen
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. US20040229367A1
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Pred. No. 83;
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RESULT 13 US-10-437-963-48046

GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas
APPLICANT: Kovalic, David

Sequence 48046, Application US/10437963 Publication No. US20040123343A1

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Query Match
Best Local Similarity
Matches 19; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Molecular Toxicology Modeling
FILE REFERENCE: 44921-5038-US
CURRENT APPLICATION NUMBER: US/09/917,800A
CURRENT FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: US 60/222,040
PRIOR FILING DATE: 2000-07-31
PRIOR PRICING PATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 60/222,880
PRIOR APPLICATION NUMBER: US 60/292,029
PRIOR FILING DATE: 2000-11-02
PRIOR FILING DATE: 2001-05-12
PRIOR APPLICATION NUMBER: US 60/290,029
PRIOR APPLICATION NUMBER: US 60/290,645
PRIOR APPLICATION NUMBER: US 60/290,645
PRIOR APPLICATION NUMBER: US 60/290,336
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: US 60/292,336
PRIOR FILING DATE: 2001-05-52
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                                                                                                                                                             , OTHER INFORMATION: Genbank Accession No. US20020119462A1 AI176781
US-09-917-800A-985
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                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/303,459
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 1740
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 985
LENGTH: 556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 985, Application US/09917800A
Patent No. US20020119462A1
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Best Local :
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APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/297,457
PRIOR FILING DATE: 2001-06-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: US 60/295,798 PRIOR FILING DATE: 2001-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Mendrick, Don
APPLICANT: Porter, Mark
APPLICANT: Johnson, Kor
                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Rattus norvegicus
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: unsure at all n locations FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/298,884
309 TATCTGAAATTCAAGTGGAGC 329
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19; Conserv
                         1 TATCAGAAACTCAAGTGGAGC 21
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Castle, Arthur
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                                                                              Conservative
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                                                                                                  74.2%;
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Pred. No. 1.
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Pred. No. 1
                                                                                 Mismatches
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PRIOR APPLICATION NUMBER: US 60/285,697
PRIOR FILING DATE: 2001-04-23
PRIOR PPLICATION NUMBER: US 60/287,066
PRIOR FILING DATE: 2001-04-27
PRIOR PILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR FILING DATE: 2001-06-05
PRIOR PILING DATE: 2001-07-09
PRIOR FILING DATE: 2001-07-09
PRIOR APPLICATION NUMBER: US 60/303,899
PRIOR APPLICATION NUMBER: US 60/316,362
PRIOR APPLICATION NUMBER: US 60/316,362
PRIOR PILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 8603
SOPTWARE: Patentin version 3.1
SEQ ID NO 347
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                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Aspergillus fumigatus
US-10-128-714-347
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Best Local Similarity 90.5
19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53221) B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 48046
                                                                                                     Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hu, Wenqi
APPLICANT: Tishkoff, Daniel
APPLICANT: Zamudio, Carlos
APPLICANT: Zamudio, Carlos
APPLICANT: Eroshkin, Alexey M
APPLICANT: Lenieux, Sebastien M
APPLICANT: Lenieux, Sebastien M
TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus and
TITLE OF INVENTION: Methods of Use
FILE REFERENCE: 10182-018-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/128,714
CURRENT FILING DATE: 2002-04-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 2724
TYPE: DNA
ORGANISM: Oryza sativa
FEATURE:
                                                                                                                                                                                                                                      ENGTH: 4042
3941 TATCGGAAATTCAAGAGGATCCAT 3918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2537 CAGAAACACAAGTGCAGCCAT 2557
                                                                                   20;
                                        1 TATCAGAAACTCAAGTGGAGCCAT 24
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                                                                                                       Similarity
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b. US20030119013A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Boukharov, Andrey A.
                                                                                   Conservative
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                                                                                   0; Mismatches
                                                                                                     Score 17.6;
Pred. No. 2
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Pred. No. 2e+02;
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Search completed: January 26, 2005, 18:15:47 Job time : 171.133 secs

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RESULT 15

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                                                                                                                                                                                                 ; ORGANISM: Aspergillus fumigatus US-10-128-714-5347
                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/128,714
CURRENT FILING DATE: 2002-04-23
PRIOR APPLICATION NUMBER: US 60/285,697
PRIOR APPLICATION NUMBER: US 60/287,066
PRIOR APPLICATION NUMBER: US 60/287,066
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR APPLICATION NUMBER: US 60/295,890
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: US 60/303,899
PRIOR APPLICATION NUMBER: US 60/316,362
PRIOR FILING DATE: 2001-08-1
PRIOR FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 8603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-128-714-5347/c
                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.1
SEQ ID NO 5347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5347, Application US/10128714 Publication No. US20030119013A1
                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Jiang, Bo
APPLICANT: Hu, Wenqi
APPLICANT: Tishkoff, Daniel
APPLICANT: Zamudio, Carlos
APPLICANT: Zamudio, Carlos
APPLICANT: Eroshkin, Alexey M
APPLICANT: Lemieux, Sebastien M
TITLE OF INVENTION: Identification of Essential Genes in Aspergillus fumigatus and
TITLE OF INVENTION: Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 10182-018-999
                                                                                                                                                                                                                                                                             LENGTH: 4043
                                                                                                                           Local
3942 TÁTCGGÁÁÁTTCAÁGAGGÁTCCÁT 3919
                                               1 TATCAGAAACTCAAGTGGAGCCAT 24
                                                                                                   l Similarity
20; Conserv
                                                                                                   Conservative
                                                                                              73.3%; Score 17.6; DB 19
83.3%; Pred. No. 2.7e+02
ative 0; Mismatches
                                                                                                                                                DB 15;
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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14.4
14.4
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16.4
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seq length: 2000000000
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Match
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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19
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                      US-09-372-339-1
US-09-372-339-2
US-09-144-367-3
US-09-566-921-54
US-09-919-030-174
US-09-513-999C-16738
US-09-513-999C-18974
US-09-671-317-485
US-09-671-317-485
US-09-671-317-485
US-09-671-317-1647
US-09-705-1647
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US-09-614-188-1647
US-09-614-188-1647
US-09-536-023-1
US-09-536-921-50
US-09-536-921-50
US-09-536-921-50
US-09-536-921-50
US-09-536-022-1
US-09-536-022-1
US-09-345-882-1
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               31, Appl.
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479, App
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165, App
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2, Appli
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54, Appl
174, Appl
174, Appl
16924, A
16738, A
16738, A
                                  816, App
50, Appl
1, Appli
31, Appl
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1647, Ap
1647, Ap
1647, Ap
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US-09-372-339-1
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28 14.2 74.7 378 4 US-09-702-705-1495 30 14.2 74.7 378 4 US-09-713-25-1495 31 14.2 74.7 378 4 US-09-614-124B-1495 31 14.2 74.7 378 4 US-09-658-1824-1495 32 14.2 74.7 378 4 US-09-658-1824-1495 33 14.2 74.7 378 4 US-09-134-000C-45 34 14.2 74.7 420 4 US-09-252-991A-6401 36 14.2 74.7 420 4 US-09-252-991A-6401 36 14.2 74.7 420 4 US-09-513-999C-1943 37 14.2 74.7 433 4 US-09-513-999C-1943 38 14.2 74.7 630 2 US-08-117-981-5 39 14.2 74.7 630 2 US-08-117-981-5 39 14.2 74.7 630 2 US-08-117-981-5 39 14.2 74.7 630 5 US-08-117-981-5 39 14.2 74.7 76.3 US-08-117-981-5 39 14.2 74.7 76.3 US-09-07-532A-116.3 40 14.2 74.7 76.4 US-09-270-767-88 41 14.2 74.7 75.6 4 US-09-270-767-15370 42 14.2 74.7 845 1 US-08-289-446-3	Ω	ი	ი	ი		ი	ი	ი		ი			ი					
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US-09-716-455 US-09-718-457-1495 US-09-614-124B-1495 US-09-671-325-1495 US-09-68-824-1495 US-09-68-824-1495 US-09-134-000C-45 US-09-134-000C-45 US-09-252-9917-6401 US-09-253-999C-1943 US-09-253-999C-9621 US-08-417-081-5 PCT-US93-02142-5 US-08-116-3 US-09-270-767-88 US-09-270-767-8370 US-08-289-446-3 US-08-589-466-3 US-08-589-466-3	_	۲	4	4.	4	տ	N	N	4.	4	4	4.	Α.	4	4	4.	4	4
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	Appli	3, Appli	15370, A	88, Appl	1163, Ap	5, Appli	5, Appli	5, Appli	9621, Ap	1943, Ap	6401, Ap	174, App	¥	1495, Ap	1495, Ap	1495, Ap	1495, Ap	•

ALIGNMENTS

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Sequence 1, Application US/09372339

Patent No. 6174684

GENERAL INFORMATION:

APPLICANT: Rebbeck, Timothy
APPLICANT: Rebbeck, Timothy
TITLE OF INVENTION: CYP3A4 NFSE Variant and Methods of Use Therefor
FILE REFERENCE: PENN-0695

CURRENT APPLICATION NUMBER: US/09/372,339

CURRENT FILING DATE: 1999-08-11

EARLIER APPLICATION NUMBER: 60/096,586

EARLIER FILING DATE: 1998-08-14

NUMBER OF SEQ ID NO 1

SEQ ID NO 1

LENGTH: 1345

TYPE: DNA

ORGANISM: Homo sapiens

US-09-372-339-1
; EARLIER APPLICATION NUMBER: 60/096,586
; EARLIER FILING DATE: 1998-08-14
; NUMBER OF SEQ ID NOS: 6
; SOPTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 1345
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-372-339-2
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Best Local Similarity
Watches 17; Conserve
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                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/09372339 Patent No. 6174684
                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Rebbeck, Timothy
APPLICANT: Rebbeck, Timothy
APPLICANT: Felix, Carolyn
TITLE OF INVENTION: CYP3A4 NFSE Variant and Methods of Use Therefor
FILE REFERENCE: PENN-0695
CURRENT APPLICATION NUMBER: US/09/372,339
CURRENT FILING DATE: 1999-08-11
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Pred. No. 1
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; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6682888 331485.3
US-09-566-921-54
                                                                                                                                                                                 ; SOFTWARE: PERL Program
SEQ ID NO 54
; LENGTH: 5722
; TYPE: DNA
; ORGANISM: Homo sapiens
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US-09-144-367-3
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APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               Sequence 54, Application US/09566921
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Best Local &
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LENGTH: 1345
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                              APPLICANT: Loring, Jeanne F.
APPLICANT: Tingley, Debora W.
APPLICANT: Edwards, Carla M.
TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE
FILE REFERENCE: PA-0024 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/566,921
CURRENT FILING DATE: 2000-05-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PEATURE:
NAME/KEY: Other
LOCATION: (0)...(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: H. sapiens
                                                                         Local Similarity
les 17; Conserv
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17; Conserv
                                      GGTGTGTGCGATTCTTTGC 19
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                  GGTGCATGCGATTCTTTGC 5381
                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                     83.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     86.3%;
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                                                                      ; Score 15.8; D; Pred. No. 37; 0; Mismatches
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Pred. No. 14;
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Pred. No. 1
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                                                                                                   Length 5722;
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RESULT 7
US-09-16738/c
US-09-16738/c
; Sequence 16738, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-16924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 6
US-09-513-999C-16924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature; OTHER INFORMATION: Incyte ID No. 6727066 1135580.4 US-09-919-039-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 5
US-09-919-039-174/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Kaser, Matthew R.
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES FILE REFERENCE: PA-0035 US
CURRENT APPLICATION NUMBER: US/09/919,039
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: 60/222,113
PRIOR APPLICATION NUMBER: 60/222,113
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 401
SOCTWARE: PERL Program
SEQ ID NO 174
LENGTH: 5722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins. Patent No. 6783961
FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patent.pm
SEQ ID NO 16924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 16924, Appl Patent No. 6783961 GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Dumas Milne Edwards, APPLICANT: Duclert, A. APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/513,999C CURRENT FILING DATE: 2000-02-24 PRIOR APPLICATION NUMBER: US 60/122,487 PRIOR FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 36681
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                        LENGTH: 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5399 GGTGCATGCGATTCTTTGC 5381
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Pred. No. 73;
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Pred. No. 37;
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APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Duclert, A.

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NAME: Gormley, Mary E.
REGISTRATION NUMBER: 34,409
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 258-5200
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1617 bass
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; ORGANISM: Homo sapiens
US-09-513-999C-16738
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Patent No. 5874526
GENERAL INFORMATION:
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SEQ ID NO 16738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/513,999C CURRENT FILING DATE: 2000-02-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ILE REFERENCE: 59.US2.REG
                                   ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Toxo
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/540,111
FILING DATE: 06-OCT-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 942028994
FILING DATE: 06-OCT-1994
ATTORNEY/AGENT INFORMATION:
STRAIN: RH
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                    ACLECTICAL: PARTICAL: NO
                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Koolen, N
APPLICANT: DeHaard,
                                                                                                                     STRANDEDNESS:
TOPOLOGY: 111
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1300 Piccard Drive, Suite 206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
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                                                                                                                   linear
                                    Toxoplasma gondii
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                                                                                                    DNA (genomic)
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                                                                                                                                    double
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88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         New Toxoplasma gondii antigens
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Pred. No. 86;
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US-09-185-818-2
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                                                Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (301) 258-
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                         MOLECULE TYPE: I
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 34,409
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/540,118
FILING DATE: 06-OCT-1995
APPLICATION NUMBER: EP 942028994
FILING DATE: 06-OCT-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRINT APPLICATION DATA:
APPLICATION NUMBER: US/09/185,818
FILING DATE: 04-NOV-1998
                                                                                                                                               IMMEDIATE SOURCE:
                                                                                                                                                                                           ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 1617 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Koolen, NAPPLICANT: DeHaard, TITLE OF INVENTION:
                                                                                                                                                                              ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                               NAME: Gormley, Mary E. REGISTRATION NUMBER: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Rockville
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1385 GTGTGTGCGACTCTTTTC 1368
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                          GTGTGTGCGATTCTTTGC
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                                                        Conservative
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                                                                                                                                                                                                                                                       linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Floppy disk
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New Toxoplasma gondii antigens
                                                                      77.9%;
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                                                                      Score 14.8;
Pred. No. 1.
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Pred. No. 1.
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                                                          Mismatches
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                                                                        1.1e+02
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                                                                                     DB 4;
                                                                                     Length 1617;
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                                                        Gaps
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RESULT 10
US-09-671-317-485
; Sequence 485, Application US/09671317
; Patent No. 6528260
; GENERAL INFORMATION:

OTHER INFORMATION: 10-290-326

: polymorphic base A or

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SOFTWARE: PA
SEQ ID NO 485
LENGTH: 4931
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 62. CIP CURRENT FILE TABLICATION TO GENES INVOLVED IN DRUG METABOLISM CURRENT ADPLICATION NUMBER: US/09/671,317
PRIOR APPLICATION: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 2000-(PRIOR APPLICATION NUMBER:
                                                      LOCATION: 45214
OTHER INFORMATION: 1
NAME/KEY: allele
LOCATION: 45741
                                                                                                                                            OTHER INFORMATION: 1
NAME/KEY: allele
LOCATION: 36971
OTHER INFORMATION: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: US OPENIOR FILING DATE: 1999-04-30
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                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 10-286-289 : polymorphic base NAME/KEY: allele LOCATION: 7619 OTHER INFORMATION: 10-286-345 : polymorphic base NAME/KEY: allele LOCATION: 7649
OTHER INFORMATION: 10-290-37 : polymorphic base C or T NAME/KEY: allele LOCATION: 46029
                                                                                                                                                                                                                                  OTHER INFORMATION: 12-421-135
NAME/KEY: allele
                                                                                                                                                                                                                                                                        OTHER INFORMATION: 12-425-57
NAME/KEY: allele
LOCATION: 21590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY: misc_feature
LOCATION: 5466..7466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                             WAME/KEY: allele
                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: 10-286-375
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 3'regulatory region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: exon 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: exon
LOCATION: 36905..36975
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                                                                                                                                                                                                                                                                                                                            JAME/KEY: allele
JOCATION: 17258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AME/KEY: allele
OCATION: 7564
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OCATION: 45966..49312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JAME/KEY: exon
JOCATION: 7467..7725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION: exon 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION: exon 1
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40MBER: US 09/536,178

2000-03-23

2000-03-23
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UMBER: US 60/126,269
                                                                                         10-289-201
                                                                                                                                              10-523-232
                                                                                                                                                                                                  12-421-140
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                                                                                                                                                                                                polymorphic base
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OTHER INFORMATION: 12-425-57.mis
NAME/KEY: primer_bind
LOCATION: 17259...17277
OTHER INFORMATION: 12-425-57.mis complement
NAME/KEY: primer_bind
LOCATION: 21576...21594
                                                                                                                                                                                                                                                                      LOCATION: 7650..7668
OTHER INFORMATION: 10-286-375.mis complement
NAME/KEY: primer bind
LOCATION: 17239..17257
LOCATION: 17-475.57.mis
                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: primer bind
LOCATION: 7620...7638
OTHER INFORMATION: 10-286-345.mis complement
NAME/KEY: primer bind
LOCATION: 7630...7648
LOCATION: 7630...7648
LOCATION: 10-286-375.mis
NAME/KEY: primer bind
LOCATION: 7650...7668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 10-290.rp complement NAME/KEY: primer bind LOCATION: 7545.-7563 OTHER INFORMATION: 10-286-289.mis NAME/KEY: primer bind LOCATION: 7565.-7583 OTHER INFORMATION: 10-286-289.mis complement OTHER INFORMATION: 10-286-289.mis complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: 12-421.rp
NAME/KEY: primer_bind
LOCATION: 36740..36758
                OTHER INFORMATION: 12-421-140.mis complement NAME/KEY: primer_bind LOCATION: 36952...36970
                                                                                    NAME/KEY: primer_bind
LOCATION: 21596..21614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: primer_bind
LOCATION: 45413..45432
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LOCATION: 45020..45037
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NAME/KEY: primer_bind
LOCATION: 21886...21906
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LOCATION: 7276..7294
                                                                                                                                   OTHER INFORMATION: 12-421-140.mis
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OTHER INFORMATION: 10-289.rp
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LOCATION: 17297..17314
OTHER INFORMATION: 12-425.pu
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OTHER INFORMATION: 12-425.rp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: primer_bind LOCATION: 16839..16856
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LOCATION: 45705..45724
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LOCATION: 21456..21474
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INFORMATION: 10-523-232.mis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10-286.rp
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US-09-513-999C-18974
                                                      TITLE OF INVENTION: Expressed Sequence Tags Patent No. 6783961 FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                  Sequence 18974, Ap
Patent No. 6783961
                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                APPLICANT: Dumas Milne Edwards,
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
                     CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
RIOR APPLICATION NUMBER: US 60/122,487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 10-290-326.probe
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 36959..36983
OTHER INFORMATION: 10-523-232.probe
NAME/KEY: misc binding
LOCATION: 45202..45226
OTHER INFORMATION: 10-289-201.probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: 10-286-289.probe
NAME/KEY: misc_binding
LOCATION: 7607..7631
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LOCATION: 21583..21607
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OTHER INFORMATION: 10-290-326 mis NAME/KEY: primer bind LOCATION: 46030.46048
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LOCATION: 45195.45213
OTHER INFORMATION: 10-289-201.mis
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LOCATION: 45729..45753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_binding
LOCATION: 36959..36983
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NAME/KEY: misc_binding
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: 10-289-201.mis complement NAME/KEY: primer_bind LOCATION: 45722.45740
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LOCATION: 45215..45233
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                                                                                                                                                                                                                     Application US/09513999C
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Pred. No. 1
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                                                                                                 Encoded Human
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; SOFTWARE: FASTSEQ for Wi
SEQ ID NO 1647
; LENGTH: 451
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-702-705-1647
               APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mang, Aijun
APPLICANT: Wang, Aijun
APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 13
US-09-736-457-1647/c
; Sequence 1647, Application US/09736457
; Patent No. 6509448
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; ORGANISM: Homo sapiens
US-09-513-999C-18974
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US-09-702-705-1647/c
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Patent No. 6504010
GENERAL INFORMATIO
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Best Local Similarity
Matches 15; Conserv
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NUMBER OF SEQ ID NOS: 36681
SOFTWARE: PAtent.pm
SEQ ID NO 18974
LENGTH: 250
                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFO
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CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
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TURRENT APPLICATION NUMBER: US/09/736,457
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nes 15; Conserv
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Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
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Bangur, Chaitanya
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                            Bangur, Chaitanya
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                              Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/09702705
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93.8%;
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Pred. No. 1.3e+0
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Mang, Tongtong
APPLICANT: Lodes, Michael A.
APPLICANT: Lodes, Michael A.
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FALLING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 1647
LENGTH: 451
TYPE: DNA
ORGANISM: Homo Sapiens
US-09-614-124B-1647
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NUMBER OF SEQ ID NOS: 1864
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1647
LENGTH: 451
; TYPE: DNA
; ORCANISM: Homo sapiens
US-09-736-457-1647
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US-09-614-124B-1647/c
US-09-6141-124B-1647, Application US/09614124B
; Patent No. 6630574
              APPLICANT: Fanger, Gary
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Lique
APPLICANT: Mannion, Lique
APPLICANTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT APPLICATION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
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US-09-671-325-1647/c
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SEQ ID NOS:
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Bangur, Chaitanya S.
Lodes, Michael A.
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Query Match
Best Local Similarity
Matches 15; Conserva
                                                                                                                                                        ; TYPE: DNA; Homo sapiens US-09-671-325-1647
Search completed: January 26, 2005, 13:15:22 Job time: 27.0917 secs
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; SEQ ID NO 1647
; LENGTH: 451
                                                    379 TGTGTGCTATTCTTTG 364
                                                                      3 TGTGTGCGATTCTTTG
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Pred. No. 1.4e+02;
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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        116.4
116.4
116.4
115.8
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1: /cgn2_6/ptodata/1/pubpna/US07 PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US06_NEW PUB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US06_NEW PUB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US07_NEW PUB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US07_NEW PUB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US08_NEW PUB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US08_NEW PUB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US09E_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US09E_PUBCOMB.seq:*

11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*

12: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

13: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

14: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

15: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

16: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

16: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

17: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

18: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

19: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

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20: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

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Match
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          4044677444
  4 US-10-085-612-4

US-10-146-575-3

4 US-10-085-612-3

4 US-10-257-166-149

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5 US-10-121-960C-17

5 US-10-121-960C-17

5 US-10-121-967-17

6 US-10-252-287-3

6 US-10-252-287-4

8 US-10-425-115-174784
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Compugen Ltd.
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Sequence 4, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 149, Appl
Sequence 17, Appl
Sequence 17, Appl
Sequence 23844, A
Sequence 3, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 174784,
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US-10-027-632-222524 US-10-027-632-222525 US-10-027-632-222526 US-10-027-632-222524 US-10-027-632-222525 US-10-027-632-222525 US-10-027-632-222526	-10-027 -10-437 -10-276 -10-027 -10-027 -10-027	US-10-335-053-159 US-09-960-352-10901 US-09-960-352-10901 US-09-918-995-17875 US-10-674-124A-9954 US-10-425-115-41613 US-10-425-115-41613 US-10-425-124A-6240 US-10-674-124A-6240 US-10-674-124A-6240	10-027-632-15 10-027-632-15 10-027-632-15 10-027-632-15 10-027-632-15 9-938-842A-39 09-938-842A-3
Sequence 222524, Sequence 222525, Sequence 222526, Sequence 222524, Sequence 222525, Sequence 222525,		Sequence 159, App Sequence 10415, A Sequence 10901, A Sequence 9954, Ap Sequence 127551, Sequence 17881, A Sequence 41613, A Sequence 797, App Sequence 6241, Ap Sequence 10766, A Sequence 6240, Ap	w

ALIGNMENTS

RESULT 1 US-10-085-612-4

Sequence 4, Application US/10085612 Publication No. US20030096251A1

GENERAL INFORMATION:

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APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Hall, Jeff
APPLICANT: Hall, Jeff
APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
Fille Griventon in Marke, James
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FILLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals
FILLE Griventon in Marke, James
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US-09-943-115A-1

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Sequence 1, Application US/09943115A
PUDILCATION NO. US2033017469A1
GENERAL INFORMATION.
APPLICANT: SEQUENOM, Inc.
APPLICANT: Risinger, Carl
APPLICANT: Risinger, Carl
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
TITLE OF INVENTION: POLYMORPHISMS
FILE REFERENCE: 52459-20021.00
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: UK 0021286.0
PRIOR FILING DATE: 2000-08-30
; Sequence 3, Application US/10085612 ; Publication No. US20030096251A1
                                         RESULT 4
US-10-085-612-3
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Publication No. US20030059800A1
GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
                                                                                                                                                                                                                                                           Best
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SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 1345
TYPE: DNA
ORGANISM: H. sapiens
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LENGTH: 1345
TYPE: DNA
ORGANISM: Homo sapiens
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Matches 17; Conserva
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PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: Other LOCATION: (0)...(0)
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Local Similarity 94.4%;
nes 17; Conservative
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                                                                                                                                                                                                                                     Score 16.4; DB 14; Length 1345; Pred. No. 1.9e+02; O; Mismatches 1; Indels 0;
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Pred. No. 1.9e+02
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; OTHER INFORMATION: chemically treated genomic DNA US-10-257-166-149
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 149, Application US/10257166 Publication No. US20040023230A1 GENERAL INFORMATION:
                                                                                                                                                                                                                       2000-09-01
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 149
LENGTH: 8776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.0 SEQ ID NO 3
                                                                                   Query Match
Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR PILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Method and Nucleic Acids for Analysing the Methylation of
TITLE OF INVENTION: Genes Implicated in Pharmacogenomics
FILE REFERENCE: 5013.1011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OP INVENTION: Methods for Evaluating
TITLE OP INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
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                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-06-29
                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/257,166
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: PCT/EP01/07470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: OLEK,
APPLICANT: PIEPE
APPLICANT: BERLI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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DE 10043826.1
                                                                   Local Similarity hes 17; Conserv
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nes 17; Conserv
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GGTGTGTGCGATTTTTTG 4917
                                GGTGTGTGCGATTCTTTG 18
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94.4%;
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Pred. No. 2.2e
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Pred. No. 1.9e+02;
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RESULT 6 US-10-121-960C-14 ; Sequence 14, Application US/10121960C

Publication No. US20030145341A1

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RESULT 8
US-10-098-263B-23844/c
; Sequence 23844, Application US/10098263B
; Publication No. US20030104410A1
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US-10-121-960C-17
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US-10-121-960C-17
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                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: NAWOTKA, Kevin
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF MOUSE AND HUMAN
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH
TITLE OF INVENTION: CYTCCHROME EXPRESSION
FILE REFERENCE: 9400-0014 | PXE-014, US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
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SOFTWARE: PatentIn Ver. :
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TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS
TITLE OF INVENTION: CYTOCHROME EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/121,960C
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                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Description of Artificial Sequence: human CYP3A4 gene locus
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mes 17; Conserv
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HASHIMA, Sandy
MA, Shirley
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HASHIMA, Sandy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CONTAG, Pamela
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94.4%;
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94.4%;
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Pred. No. 2.3e+02;
0; Mismatches 1
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Pred. No. 2.3e+02;
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; ORGANISM: Homo sapien
US-10-098-263B-23844
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US-10-252-287-4/c
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US-10-252-287-3
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Best Local Similarity
Matches 17; Conserv
                                                                                                                 GENERAL INFORMATION:
APPLICANT: Lucent Technologies Inc.
APPLICANT: Mills, Jr., Allen P
APPLICANT: Yurke, Bernard
TITLE OF INVENTION: COMPOSITIONS THAT REVERSIBLY GEL AND DE-GEL
FILE REFERENCE: MILLS 18-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COMPOSITIONS THAT REVERSIBLY GEL AND DE-GEL FILE REFERENCE: MILLS 18-14
CURRENT APPLICATION NUMBER: US/10/252,287
CURRENT FILING DATE: 2002-11-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 23844
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local S
                                                                                                                                                                                                                                   Sequence 4, Application US/10252287 Publication No. US20040059102A1
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 50
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CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
                                                            CURRENT APPLICATION NUMBER: US/10/252,287
CURRENT FILING DATE: 2002-11-01
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lucent Technologies Inc
APPLICANT: Mills, Jr., Allen P
APPLICANT: Yurke, Bernard
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TITLE OF INVENTION: Human Microarray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: 3118.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: a oligonucleotide that ser OTHER INFORMATION: ves as a cross-linking agent for a polyacrylamide gel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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mes 17; Conserv
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Pred. No. 3e+02;
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Pred. No. 2
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US-10-425-115-174784/c
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US-09-960-352-11673/c
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                                                                                                                                                                                APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengbing
APPLICANT: Tao, Nengbing
APPLICANT: Statt, John C.
APPLICANT: Mathialagan, Nagappan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
FILE REFERENCE: 16511.006/37-21(10298)C
CURRENT APPLICATION NUMBER: US/09/960,352
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 15112
SEQ ID NO 11673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 174784
LENGTH: 191
TYPE: DNA
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 174784, Application US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:
  Matches
                     Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11673, Application US/09960352 Patent No. US20020137139A1
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                                        Query Match
                                                                            TYPE: DNA
ORGANISM: Bos taurus
OTHER INFORMATION: Cl
-09-960-352-11673
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 38-21(53222)B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated TITLE OF INVENTION: Plants
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Clone ID: MRT4577_90986C.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                               LENGTH: 322
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17;
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17; Conserv
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  Conservative
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                                                                                                     Clone ID: 50-LIB3057-019-Q1-K1-E10
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Score 15.8; DB 9;
Pred. No. 3.5e+02;
0; Mismatches 2;
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Pred. No. 3e
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Pred. No. 3.3e+02;
0; Mismatches 2
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                                      Length 322;
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                                                  TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR APPLICATION NUMBER: US 60/185,318
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/156,358
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; ORGANISM: Human
US-10-027-632-19705
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US-10-027-632-19705
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US-10-027-632-19705
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: FastSEQ for Windows Version SEQ ID NO 19705
LENGTH: 581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 19705, Application US/10027632
Publication No. US20030204075A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 19705, Application US/10027632 Publication No. US20020198371A1
                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE:
                                            FILING DATE: 1999-09-28
    APPLICATION NUMBER: US 60/146,002 FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             399 GGTGTTTGCAATTCTTTGC 417
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PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
                  Score 15.8;
Pred. No. 3.
Mismatches
                     .6e+02;
                                             DB 13;
Indels
                                          Length 581;
0
Gaps
0
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Charles 1 Shills

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Sequence 155127, Application US/10027632

Publication No. US20020198371A1

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/118,006

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/193,483
                                                                                                                                                                                                                                                                                  ; LENGTH: 720
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-155127
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; TYPE: DNA
; ORGANISM: Human
US-10-027:632-19705
Search completed: January 26, 2005, 18:15:48 Job time : 135.689 secs
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US-10-027-632-155127
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PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
                                                                                                                                                                                       Query Match 83.2%;
Best Local Similarity 89.5%;
Matches 17; Conservative
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Best Local Similarity 89.5
Matches 17; Conservative
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 19705
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                                                                                               540 GGTGTTTGCAATTCTTTGC 558
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                                                                                                                            1 GGTGTGTGCGATTCTTTGC 19
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                                                                                                                                                                                     Score 15.8; DB 13; Pred. No. 3.7e+02; 0; Mismatches 2;
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Pred. No. 3.6e+02;
0; Mismatches 2;
                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                   Length 720;
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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DB seq length: 2000000000
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re greater than or equal to the score of the result being printed,
is derived by analysis of the total score distribution.
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Match
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: GRIEFIAIB, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventing of INVENTION: and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
FULE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
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OTHER INFORMATION: n=a or c or TAME/KEY: misc_feature COCATION: (420001)..(435000) THER INFORMATION: n=a or c or NAME/KEY: misc_feature OCATION: (405001)..(420000) WHHER INFORMATION: n=a or c or NAME/KEY: misc_feature OCATION: (390001)..(405000) THER INFORMATION: n=a or c or g NAME/KEY: misc_feature OCATION: (360001)..(375000) OTHER INFORMATION: n=a or c or g NAME/KEY: misc feature OCATION: (225001)..(240000) WIHER INFORMATION: n=a or c AME/KEY: misc_feature OCATION: (375001)..(390000) OCATION: (300001)..(315000)
OTHER INFORMATION: n=a or c or AME/KEY: misc_feature OCATION: (345001)..(360000) WTHER INFORMATION: n=a or c or g DAME/KEY: misc_feature DCATION: (285001)..(3) AME/KEY: misc THER INFORMATION: n=a or c or g or AME/KEY: misc_feature OCATION: (165001)..(180000) AME/KEY: misc THER INFORMATION: n=a or c or g OCATION: (3000 OCATION: AME/KEY: misc THER INFORMATION: n=a or c or THER INFORMATION: n=a or c or ION: (270001)..(285000) INFORMATION: n=a or c or ION: (255001)..(270000)
INFORMATION: n=a or c or g INFORMATION: n=a or c or g misc_feature (270001)..(2) (240001).. _teature feature reature feature reature (300000) (255000) 0 0 or g ဝူ ç ß g g ω ω ω ıΩ ø ω ω ω ıΩ Q ω ω ω Ø ဝူ õ õ ဝင္ပ or ဗ္ဗ 9 or Or မ္ပ ဝူ or C ဝင္ပ ٥ŗ or ဝူ ç 유 or R or ę ဓ္ဌ or S or or t

NAME/KEY: misc feature
LOCATION: (73501)...(75000))
OTHER INFORMATION: n=a or c or
NAME/KEY: misc feature
LOCATION: (75001)...(765000)
OTHER INFORMATION: n=a or c or
NAME/KEY: misc feature
LOCATION: (76501)...(78000)
OTHER INFORMATION: n=a or c or
NAME/KEY: misc feature
LOCATION: (780001)...(795000)
OTHER INFORMATION: n=a or c or
NAME/KEY: misc feature
LOCATION: (780001)...(795000)
OTHER INFORMATION: n=a or c or
NAME/KEY: misc feature
LOCATION: (795001)...(810000)
OTHER INFORMATION: n=a or c or
NAME/KEY: misc feature
LOCATION: (795001)...(810000)
OTHER INFORMATION: n=a or c or NAME/KEY: misc_feature LOCATION: (52501)..(540000) OTHER INFORMATION: n=a or c or NAME/KEY: misc_feature LOCATION: (540001)..(555000) OTHER INFORMATION: n=a or c or NAME/KEY: misc_feature LOCATION: (55501)..(570000) OTHER INFORMATION: n=a or c or NAME/KEY: misc_feature NAME/KEY: misc_feature
LOCATION: (84001)..(85000)
OTHER INFORMATION: n=a or c o:
NAME/KEY: misc_feature
LOCATION: (855001)..(870000)
OTHER INFORMATION: n=a or c o:
NAME/KEY: misc_feature
LOCATION: (870001)..(885000)
OTHER INFORMATION: n=a or c o:
NAME/KEY: misc_feature NAME/KEY: misc_feature LOCATION: (810001)..(825000) OTHER INFORMATION: n=a or c or NAME/KEY: misc_feature LOCATION: (825001)..(840000) OTHER INFORMATION: n=a or c or LOCATION: (660001)..(675000)
OTHER INFORMATION: n=a or c o)
NAME/KEY: misc feature
LOCATION: (675001)..(690000)
OTHER INFORMATION: n=a or c o)
NAME/KEY: misc feature
LOCATION: (690001)..(705000)
OTHER INFORMATION: n=a or c o)
NAME/KEY: misc feature
LOCATION: (690001)..(705000)
OTHER INFORMATION: n=a or c o)
NAME/KEY: misc feature
LOCATION: (705001)..(720000) LOCATION: (615001)...(630000)
OTHER INFORWATION: n=a or c o:
NAME/KEY: misc feature
LOCATION: (630001)...(645000)
OTHER INFORWATION: n=a or c o:
NAME/KEY: misc_feature LOCATION: (58501)..(600000)
OTHER INFORMATION: n=a or c
NAME/KEY: misc_feature NAME/KEY: misc_feature LOCATION: (720001)..(735000) OTHER INFORMATION: n=a or c LOCATION: (705001)..(720000)
OTHER INFORMATION: n=a or c
NAME/KEY: misc_feature
LOCATION: (720001)..(735000) LOCATION: (645001)..(660000)
OTHER INFORMATION: n=a or c
NAME/KEY: misc_feature LOCATION: (600001)..(615000)
OTHER INFORMATION: n=a or c OCATION: (570001)..(585000) AME/KEY: mi reature or g b zo or g or ဝူ ç 유 or g or t or g or or g or t or g or t or g or t မ္ 유 9 g or ω g ω ω g Ω or t ဝူ မ္ပ õ 8 ç õ õ õ ٥ ç rt

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Best Local
 Query Match
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Patent No. 6025155
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                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 686
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/
FILING DATE: 07-AUG-1996
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 15-JUL-1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/629
FILING DATE: 10-APR-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                              MOLECULE TYPE: G
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 2492 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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OTHER INFORMATION: n=a or c or g or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Hadlaczky, Gyula
APPLICANT: Szalay, Aladar
TITLE OF INVENTION: ARTIFIC
TITLE OF INVENTION: METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1000
CTTY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 691511 CCTGCAAAGCAGTCTTAGG 691493
                                                                                                                                                                                                                                                                                  TELEFAX: 619-238-0062
                                                                                                                                                             ropology:
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                                                                                                                                                         linear
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                                                                                                                                          Genomic DNA
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94.7%;
84.0%; Score 16.8; DB 3;
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; Pred. No. 27;
0; Mismatches
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Length 2492;
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                                                               Matches
                                                                                  Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FASTSEQ VERSION 1.5
CURRENT APPLICATION NUMBER: US/08/682,080
APPLICATION NUMBER: US/08/682,080
FILING DATE: 10-APR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/629,822
FILING DATE: 10-APR-1996
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 2492 base pairs
                                                                                                                                             FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEB: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Hadlaczky, Gyula
APPLICANT: Szalay, Aladar
TITLE OF INVENTION: ARTIFIC
TITLE OF INVENTION: PREPARI
                                                                                                                                                                                             HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6869-402B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM COMPUTER: OPERATING SYSTEM:
                                                                               Local
                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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2082 CCCTGCACAGGACTCTTAGG 2101
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                        1 CCCTGCACAGCAGTCTTAGG 20
                                                                 l Similarity
18; Conserv
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                                                                             90.0%;
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                                                                               Score 16.8;
Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                 Mismatches
                                                                                                  DB 3;
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                                                                                              Length 2492;
                                                                 Indels
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                                                                 Gaps
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US-09-096-648-3 ; Sequence 3, Application US/09096648 ; Patent No. 6743967

RESULT 4

SENERAL INFORMATION:

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US-09-534-407-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                         GENERAL INFORMATION:
                               TITLE OF INVENTION: Promoters for Expressing Genes In TITLE OF INVENTION: Pungal Cell FILE REFERENCE: 5611.200-US CURRENT APPLICATION NUMBER: US/09/534,407 CURRENT FILING DATE: 2000-03-22 EARLIER APPLICATION NUMBER: 09/274,449 EARLIER FILING DATE: 1999-03-22
                                                                                                                                                                APPLICANT: Randy M. Berka
APPLICANT: Michael W. Rey
APPLICANT: Kimberly Brown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: GeHYPOTHETICAL: NO ANTI-SENSE: NO FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/096,648
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORIGINAL SOURCE: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 31,779
REFERENCE/DOCKET NUMBER: 6869-402A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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APPLICATION NUMBER: 08/6:
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Szalay, Aladar
TITLE OF INVENTION: METHODS PREPARING ARTIFICIAL CHROMOSOMES, USES THEREOF AND
TITLE OF INVENTION: METHODS PREPARING ARTIFICIAL CHROMOSOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 1000
CTTY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
                                                                                                                                                                                                                                                                                                                                                        2082 CCCTGCACAGGACTCTTAGG 2101
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SEQ ID NOS: 40
FastSEQ for Windows Version 4.0
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90.0%;
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APPLICANT: Berka, Randy
APPLICANT: Rey, Michael
APPLICANT: Brown, Kimberly
TITLE OF INVENTION: Promoters For Expressing Genes In A
TITLE OF INVENTION: Fungal Cell
FILE REFERENCE: 5611.220-18
CURRENT APPLICATION NUMBER: US/10/281,673A
CURRENT FILING DATE: 2002-10-28
CURRENT FILING DATE: 2002-10-28
PRIOR APPLICATION NUMBER: 09/274,449
PRIOR APPLICATION NUMBER: 09/274,449
PRIOR APPLICATION NUMBER: 09/274,449
PRIOR APPLICATION NUMBER: 09/274,449
PRIOR FILING DATE: 1999-03-22
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; ORGANISM: Fusarium
US-09-534-407-5
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APPLICANT: Rey, Michael
APPLICANT: Rey, Michael
TITLE OF INVENTION: Promoters For Expressing General Coll
TITLE OF INVENTION: Promoters For Expressing General Coll
FILE REFERENCE: 5611.210-US
CURRENT APPLICATION NUMBER: US/09/999,201B
CURRENT FILING DATE: 2001-10-30
PRIOR APPLICATION NUMBER: 09/534,407
PRIOR FILING DATE: 2000-03-22
PRIOR APPLICATION NUMBER: 09/274,449
PRIOR APPLICATION NUMBER: 09/274,449
PRIOR FILING DATE: 1999-03-22
NUMBER OF SEQ ID NOS: 40
SOFTWARE: FastSEQ for Windows Version 4.0
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LENGTH: 2517
TYPE: DNA
ORGANISM: Fusarium
US-10-281-673A-2
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                                                     NUMBER OF SEQ ID NOS: 40
SOFTWARE: FRAELSEQ for Windows Version
SEQ ID NO 2
LENGTH: 2517
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LENGTH: 2517
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LENGTH: 2517
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Pred. No. 24;
0; Mismatches
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Pred. No. 24
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; ORGANISM: Homo sapiens
US-09-800-729-76
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US-09-800-729-76
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Best Local Similarity
Matches 18; Conserv
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GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1999-09-24
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CURRENT APPLICATION NUMBER: US/09/800,729
CURRENT FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: PCT/US00/26013
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                                                                                                                                                                                                                  STREET: Chicago
CITY: Chicago
Illinois
Innited
                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STRET: 6300 Sears Tower, 233 South Wacker Drive
          APPLICATION NUMBER: US/08/190,687B FILING DATE: 02-FEB-1994 CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER: 07/774,644
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                                                                                                                                                                                                       COUNTRY: United States of America ZIP: 60606-6402
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Rubinfeld, Bonnee
O'Rourke, Edward C.
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11-OCT-1991
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Pred. No. 7
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Pred. No. 24;
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                                                                                              APPLICATION NUMBER: US/08/190,687B
FILING DATE: 02-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/774,644
FILING DATE: 11-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/260,807
FILING DATE: 21-OCT-1988
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
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LENGTH: 65 base pairs
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/2
                                                FILING DATE: 21-OCT-1988
PRIOR APPLICATION DATA: 07/230,761
PRICATION NUMBER: 07/230,761
FILING DATE: 10-AUG-1988
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APPLICATION NUMBER:
                              ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 38,153
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                                                                                                                                                                                                                                                                                                                                                                                                Illinois
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McCormick, Francis
Rubinfeld, Bonnee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/081906878
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94.1%; Pred. No. 7
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38,153
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TELECOMMUNICATION INFORMATION:

REFERENCE/DOCKET NUMBER: 27527/31898

TELEFAX: 312/47 TELEX: 25-3856 TELEPHONE: 312/474-0448

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US-09-313-294A-5792/c
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US-09-780-172-18/c
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Patent No. 6476212
GENERAL INFORMATION:
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APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION
FILE REFERENCE: RTS-0159
CURRENT APPLICATION NUMBER: US/09/780,172
CURRENT FILING DATE: 2001-02-08
                                             NUMBER OF SEQ ID NOS:
SOFTWARE: PERL Progre
SEQ ID NO 5792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 18, Application US/09780172
Patent No. 6607916
                                                                                                                                                                                                                                                                                                                                                                                                       Best
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                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                           APPLICANT: Ito, Laura Y.
APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: POLYVUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
FILE REFERENCE: PL-0017 US
CURRENT APPLICATION NUMBER: US/09/313,294A
CURRENT FILING DATE: 1999-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                      09-780-172-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 96
               LENGTH: 278
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 63000
TYPE: DNA
ORGANISM: Homo sapiens
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                      Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
TOPOLOGY: 1i1
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TYPE: nucleic acid
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16; Conserva
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                                                               PERL Program
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94.1%;
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Pred. No. 1.
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Pred. No. 1.3e+02;
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; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORWATION: Incyte ID No. 6476212 700350690H1
; NAME/KEY: unsure
; LICCATION: 14, 17, 22-23, 55, 85, 151, 159, 181, 185,
; OTHER INFORWATION: a, t, c, g, or other
US-09-313-294A-5792
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US-09-313-294A-987/c
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CURRENT APPLICATION NUMBER: US/09/313,294A
CURRENT FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 7600
SOFTWARE: PERL PROGRAM
SEQ ID NO 987
LENGTH: 286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 987, Application US/09313294A Patent No. 6476212 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                             Sequence 471, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
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Best Local Similarity
Matches 17; Conserv
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Best Local
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APPLICANT: Ito, Laura Y.
APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
FILE REFERENCE: PL-0017 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Zea mays
            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC
STREET: 3174 PORTER DRIVE
                                                                                                                                                                                                                          APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
                                                                                                                                                                                                                                                                                                               APPLICANT:
CURRENT APPLICATION DATA
                                                                                                                                                          CITY: PALO ALTO
                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           73
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17; Conserv
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                                                                                                                       USA
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85.0%;
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Pred. No. 1.2e
0; Mismatches
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Pred. No. 1.2e
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L.2e+02;
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RESULT 15
US-09-733-167A-8/c
iSequence 8, Application US/09733167A
Patent No. 6696547
Patent No. 6696547
GENERAL INFORMATION:
APPLICANT: Peter, Marcus
APPLICANT: Eter, Marcus
APPLICANT: Eter, Marcus
APPLICANT: Krammer, Peter
TITLE OF INVENTION: Protein for Regulation of Apoptosis
FILE REFERENCE: 4121-120
CURRENT APPLICATION NUMBER: US/09/733,167A
CURRENT FILING DATE: 2000-12-08
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: German Patent Application No. 6696547 198 25 621.3
PRIOR FILING DATE: 1998-06-08
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 630
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FOTHER INFORMATION: Truncated segment of the DNA sequence encoding human DEDD, compri
OTHER INFORMATION: sing nucleotides 352-981 of SEQ ID NO 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 328 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: COLNNOTO8
CLONE: 1844277
US-09-023-655-471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             밁
Search completed: January 26, 2005, 13:15:25
Job time : 30.4583 secs
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                                                                                                                                                                                    Query Match 76.0%;
Best Local Similarity 85.0%;
Matches 17; Conservative
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 97,071
REFERENCE/DOCKET NUMBER: 98-0
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION BES-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 471:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/023,655 FILING DATE: HEREWITH
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                                                                                                                  1 CCCTGCACAGCAGTCTTAGG 20
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                                                                                                                                                                                  Score 15.2; DB 4; Length 630; Pred. No. 1.3e+02; O; Mismatches 3; Indels
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Database :
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence:
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Published Applications NA:*

1: /cgn2=6/ptodata/1/pubpna/US07 PUBCOMB.seq:*

2: /cgn2=6/ptodata/1/pubpna/US06 NEW PUB.seq:*

3: /cgn2=6/ptodata/1/pubpna/US07 NEW PUB.seq:*

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6: /cgn2=6/ptodata/1/pubpna/US08 NEW PUB.seq:*

6: /cgn2=6/ptodata/1/pubpna/US08 NEW PUB.seq:*

9: /cgn2=6/ptodata/1/pubpna/US09 PUBCOMB.seq:*

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11: /cgn2=6/ptodata/1/pubpna/US09 PUBCOMB.seq:*

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15: /cgn2=6/ptodata/1/pubpna/US10 PUBCOMB.seq:*

16: /cgn2=6/ptodata/1/pubpna/US10 PUBCOMB.seq:*

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17: /cgn2=6/ptodata/1/pubpna/US10 PUBCOMB.seq:*

18: /cgn2=6/ptodata/1/pubpna/US10 NEW_PUB.seq:*

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19: /cgn2=6/ptodata/1/pubpna/US10 NEW_PUB.seq:*

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20: /cgn2=6/ptodata/1/pubpna/US10 NEW_PUB.seq:*

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4300275 seqs, 2872944193 residues
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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Result	C .	ი 2	с 3	c 4	c s	ი ი	c 7	8	9	10	11	12
Score	20	17.4	. 17.4	17.4	17.4	17.4	16.8	16.8	16.8	16.8	16.8	16.8
Query	100.0	87.0	87.0	87.0	87.0	87.0	84.0	84.0	84.0	84.0	84.0	84.0
Query Match Length DB ID	1254	312	312	617	617	123002	201	201	285		977	1156
DB	14	9	18	13			18		18	9		13
ID	US-10-085-612-4	US-09-841-132-466	US-10-872-155-466	US-10-027-632-259078	US-10-027-632-259078	5 US-10-289-762-1	US-10-719-993-18096	US-10-719-993-47222	US-10-425-115-25647	US-09-864-761-11190	US-10-653-047-1353	US-10-027-632-119142
Description	Sequence 4, Appli	Sequence 466, App	Sequence 466, App	Sequence 259078,	Sequence 259078,	Sequence 1, Appli	Sequence 18096, A	Sequence 47222, A	Sequence 25647, A	Sequence 11190, A	Sequence 1353, Ap	Sequence 119142,

C 45	44			C 41						35	34	c 33	32	31	30	29	c 28	27	c 26	25	24	23	22	21	20	19	18	17	16	15	14	13
15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	16	16.4	16.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8			16.8	16.8	16.8	16.8	16.8	16.8
79.0	79.0	79.0	79.0	79.0	79.0	9	79.0	79.0	79.0	9	φ	9	0.0	82.0	82.0	82.0	4.0	84.0	4.0	84.0	4	4	4.	4.	4	4	84.0	84.0	4	4	84.0	84.0
660	565	562	562	519	517	498	498	457	262	241	201	91	403035	1089	1089	696	1980090	152165	52312	2517	2492	2492	2492	2492	2492	2492	2492	2492	2492	2487	2111	9CTT
13	15	15	13	9	10	15	13	9	9	15	18	9	17	18	v	18	18	18	17	15	17	17	15	15	14	13	10	φ		14	10	5
US-10-027-632-135364	US-10-029-386-8307	US-10-027-632-286546	US-10-027-632-286546	US-09-864-761-8324	US-09-770-961-89	US-10-027-632-133950	US-10-027-632-133950	US-09-864-761-10658	US-09-864-761-27307	US-10-029-386-22007	US-10-719-993-24938	US-09-864-761-25055	US-10-741-601-5729	US-10-872-155-467	US-09-841-132-467	US-10-653-047-7191	US-10-719-993-6815	US-10-719-993-6942	US-10-322-281-753	-10-281-673-	US-10-808-689-3	US-10-782-129-3	US-10-219-694-3	US-10-287-313-3	US-10-151-081-3	US-10-125-767-3	US-09-836-911A-3	US-09-799-462A-3	US-09-096-648-3	US-10-082-830-67	US-09-854-867-145	US-10-02/-632-119142
135364	Sequence 8307, Ap	286546	Sequence 286546,		Sequence 89, Appl	Sequence 133950,	Sequence 133950,	_	Sequence 27307, A	Sequence 22007, A	Sequence 24938, A	Sequence 25055, A	Sequence 5729, Ap	Sequence 467, App	Sequence 467, App	Sequence 7191, Ap	e 6815,	6942,	753	5	ω	w ۲	Sequence 3, Appli	w ۲	ω	ω ·	e u,	Sequence 3, Appli	3, AI	67, 1	Sequence 145, App	sequence IIYI42,

ALIGNMENTS

RESULT 1 US-10-085-612-4/c

Sequence 4, Application US/10085612 Publication No. US20030096251A1

GENERAL INFORMATION: APPLICANT: Guida, Marco APPLICANT: Hall, Jeff APPLICANT: Petros, Wil

Petros, William

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-612-4
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APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 1254
                                                                                           Query Match 100.0%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 1.7; Matches 20; Conservative 0; Mismatches
1094 CCCTGCACAGCAGTCTTAGG 1075
                           CCCTGCACAGCAGTCTTAGG 20
                                                                                                                                             DB 14;
                                                                                             0
                                                                                                                                           Length 1254;
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US-10-872-155-466
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                                                                                                                                                                                                                                                                                                                      PILE REFERENCE: 20121.469C10
CURRENT APPLICATION NUMBER: US/10/872,155
CURRENT TILING DATE: 2004-06-18
PRIOR APPLICATION NUMBER: 09/620,412
PRIOR PILING DATE: 2000-07-20
PRIOR PILING DATE: 2000-06-20
PRIOR PILING DATE: 109/456,877
PRIOR PILING DATE: 1999-12-03
PRIOR APPLICATION NUMBER: 09/454,684
PRIOR PILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: 09/426,571
PRIOR PILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: 09/410,568
PRIOR APPLICATION NUMBER: 09/410,568
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APPLICANT: Probst, Peter
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF CHLAMYDIAL INFECTION
TILE REFERENCE: 210121.469C8
CURRENT APPLICATION NUMBER: US/09/841,132
CURRENT FILING DATE: 2001-04-23
NUMBER OF SEQ ID NOS: 599
SOFTMARE: PastSEQ for Windows Version 3.0/4.0
SEQ ID NO 466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 466, Application US/09841132 Patent No. US20020061848A1 GENERAL INFORMATION:
                                      Query Match
                                                                                                                                                                 SEQ ID NO 466
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 466,
  Matches
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                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/208,277
PRIOR FILING DATE: 1998-12-08
NUMBER OF SEO ID NOS: 599
SOFTWARE: FastSEQ for Windows Version 3.0/4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Probst, Peter
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF CHLAMYDIAL INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bhatia, Ajay
                                                                                           LENGTH: 312
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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                     Local
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                                                                                                                                                                                                                                                                 FILING DATE: 1999-10-01
APPLICATION NUMBER: 09/288,594
FILING DATE: 1999-04-08
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  18;
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                   Similarity
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  Conservative
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                     Score 17.4;
Pred. No. 39
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Pred. No. 3
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                                      Length
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CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR PILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR PILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1900-02-26
PRIOR PILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/16,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
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CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR PRILING DATE: 2000-04-20
PRIOR PRILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR PRILING DATE: 2000-03-29
PRIOR PRILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
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; Sequence 259078, Application US/10027632
; Publication No. US20020198371A1
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US-10-027-632-259078
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Publication No. US20030204075A9
GENERAL INFORMATION:
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Best Local
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/146,002 PRIOR FILING DATE: 1999-08-09
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Pred. No. 39;
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SEQ ID NO 259078
LENGTH: 617
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ORGANISM: Human
-10-027-632-259078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 JENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
                                                    NAME/KEY: misc feature
LOCATION: (120001) .. (135000)
OTHER INFORMATION: n=a or c
                                                                                                                                                                                                                                                                               NAME/KEY: misc feature
LOCATION: (60001)..(75000)
OTHER INFORMATION: n=a or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Chlamydia pneumoniae
                                                                                                             NAME/KEY: misc feature LOCATION: (105001)..(1)
                                                                                                                                                                   NAME/KEY: misc_feature.
LOCATION: (90001)..(105000)
OTHER INFORMATION: n=a or c
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LOCATION: (75001)..(90000)
OTHER INFORMATION: n=a or c
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LOCATION: (45001)..(60000)
OTHER INFORMATION: n=a or
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LOCATION: (30001)...(45000)
OTHER INFORMATION: n=a or
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LOCATION: (15001)..(30000)
OTHER INFORMATION: n=a or
NAME/KEY: misc_feature
LOCATION: (135001)..(150000)
OTHER INFORMATION: n=a or c
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LOCATION: (1)..(15000)
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PEATURE:
NAME/KEY: misc feature
NAME/KEY: misc feature
(375001)..(390000)
NAME/KEY: misc_feature
LOCATION: (405001)..(420000)
OTHER INFORMATION: n=a or c
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NAME/KEY: misc_feature
LOCATION: (360001)..(375000)
OTHER INFORMATION: n=a or c
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NAME/KEY: misc_feature
LOCATION: (345001)..(360000)
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PEATURE:
NAME/KEY: misc feature
NAME/KEY: (165001)..(180000)
                                                 NAME/KEY: misc_feature
LOCATION: (390001)...(405000)
OTHER INFORMATION: n=a or c
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LOCATION: (330001)..(345000)
OTHER INFORMATION: n=a or c
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LOCATION: (315001)..(330000)
OTHER INFORMATION: n=a or c
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LOCATION: (300001)..(315000)
OTHER INFORMATION: n=a or c
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LOCATION: (255001)..(270000)
OTHER_INFORMATION: n=a or c
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NAME/KEY: misc_feature
LOCATION: (240001)...(255000)
OTHER INFORMATION: n=a or c
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LOCATION: (210001)..(225000)
OTHER INFORMATION: n=a or c
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LOCATION: (195001)..(210000)
OTHER INFORMATION: n=a or c
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LOCATION: (180001)..(195000)
OTHER INFORMATION: n=a or c
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OTHER INFORMATION: n=a or c or g or
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LOCATION: (285001)..(300000)
OTHER_INFORMATION: n=a or c
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LOCATION: (225001)..(240000)
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PEATURE:
PEATURE:
NAME/KEY: misc_feature
LOCATION: (675001)..(690000)
OTHER INFORMATION: n=a or c o
                                                                             NAME/KEY: misc_feature
LOCATION: (660001)..(675000)
OTHER INFORMATION: n=a or c
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LOCATION: (645001)..(660000)
OTHER INFORMATION: n=a or c
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NAME/KEY: misc_feature
LOCATION: (630001)..(645000)
OTHER INFORMATION: n=a or c
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LOCATION: (615001)..(630000)
OTHER INFORMATION: n=a or c
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NAME/KEY: misc_feature
LOCATION: (600001)..(615000)
OTHER_INFORMATION: n=a or c or g
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LOCATION: (585001)..(600000)
OTHER INFORMATION: n=a or c
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LOCATION: (555001)..(570000)
OTHER_INFORMATION: n=a or c
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LOCATION: (495001)..(510000)
OTHER INFORMATION: n=a or c or g
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LOCATION: (480001)...(495000)
OTHER INFORMATION: n=a or c
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NAME/KEY: misc_feature
LOCATION: (465001)..(480000)
OTHER INFORMATION: n=a or c
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LOCATION: (450001)..(465000)
OTHER INFORMATION: n=a or c
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LOCATION: (435001)..(450000)
OTHER INFORMATION: n=a or c or
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LOCATION: (420001)..(435000)
OTHER INFORMATION: n=a or c
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LOCATION: (570001)..(585000)
OTHER INFORMATION: n=a or c
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LOCATION: (540001)..(555000)
OTHER INFORMATION: n=a or c
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LOCATION: (525001)..(540000)
OTHER INFORMATION: n=a or c
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LOCATION: (510001)..(525000)
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US-10-425-115-25647
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; ORGANISM: Homo sapiens
US-10-719-993-47222
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US-10-719-993-18096
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Publication No. US20040265849A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.

TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001496
                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/719,993
CURRENT FILING DATE: 2003-11-24
NUMBER OF SEQ ID NOS: 55342
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 47222
LENGTH: 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 47222, Application US/10719993
Publication No. US20040265849A1
GENERAL INFORMATION:
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CURRENT FILING DATE: 2003-11-24
NUMBER OF SEQ ID NOS: 55342
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18096
LENGTH: 201
TYPE: DNA
GENERAL INFORMATION:
APPLICANT: LA ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
                                                              Sequence 25647, Application US/10425115 
Publication No. US20040214272A1
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TITLE OF INVENTION: GENETIC POLYMORPHISMS
TITLE OF INVENTION: ALZHEIMER'S DISEASE,
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Pred. No. 42;
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Pred. No. 79;
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Pred. No. 79;
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RESULT 10
US-09-864-761-11190
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Matches 18; Conserv
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SEQ ID NO 25647
LENGTH: 285
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(5322)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Penn, Sharron G. APPLICANT: Rank, David R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/864,761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RPPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
ITTLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
ITTLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Clone ID: MRT4577_1233C.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 60/207,456 FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/180,312 FILING DATE: 2000-02-04
                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 09/632,366 FILING DATE: 2000-08-03
                                                                            APPLICATION NUMBER: PCT/US01/00670 FILING DATE: 2001-01-30
                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                      APPLICATION NUMBER: PCT/US01/00661
                                                                                                                                                             FILING DATE:
                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00662
                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
              FILING DATE: 2000-09-21
APPLICATION NUMBER: US 09/608,408
                                                       APPLICATION NUMBER: US 60/234,687
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US20020048763A1
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l, David K.
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2000-06-30
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90.0%;
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Pred. No. 80
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US-10-027-632-119142

Sequence 119142, Application US/10027632 Publication No. US20020198371A1 GENERAL INFORMATION:

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US-10-653-047-1353
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1353
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SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 11190
LENGTH: 488
                                                             Matches
                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1353, Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/653,047
CURRENT FILING DATE: 2003-08-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Randy M. APPLICANT: Michael
                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 09/273,623 PRIOR FILING DATE: 1999-03-22
                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US/09/533,559
PRIOR FILING DATE: 2000-03-22
                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Methods For Monitoring Multiple Gene TITLE OF INVENTION: Expression FILE REFERENCE: 5849.200-US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2001-01-29
                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (1)...(977)
OTHER INFORMATION: n =
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OTHER
                                                                                                                                                                                FEATURE:
                                                                                                                                                                                            ORGANISM: Fusarium venenatum
                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                          ENGTH: 977
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                                                                           Local
    192
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                                                                           Similarity
                    CCCTGCACAGCAGTCTTAGG 20
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CCCTGCTCAGCAGTCTCAGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Randy M. Berka
Michael W. Rey
Jeffrey R.Shuster
                                                                                                                                                                                                                                                                                                                                                                                                                        Peter Bjarke Olsen
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sakari Kauppinen
                                                                                                                                                                                                                                                                                                                                                                                                                                       b Groth Clausen
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                                                               Conservative
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: EXPRESSED IN PLACE:
: EXPRESSED IN ADULT
: EXPRESSED IN LUNG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EXPRESSED
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                                                                          84.0%;
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                                                                          Score 16.8;
Pred. No. 8
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Pred. No. 80;
    211
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ADULT LIVER, SIGNAL = 0.7
LUNG, SIGNAL = 0.88
FETAL LIVER, SIGNAL = 0.68
BRAIN, SIGNAL = 0.62
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                                                               Mismatches
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                                                                                         DB 18;
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; TYPE: DNA
; ORGANISM: Human
US-10-027-632-119142
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US-10-027-632-119142
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; ORGANISM: Human
US-10-027-632-119142
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PRIOR PILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-09-28
                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 119142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
CURRENT FILING DATE: 2002-04-30
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 119142
       Matches
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                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/146,002 PRIOR FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
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                                                                                                                                                                      ENGTH: 1156
                             Local
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                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/185,218
FILING DATE: 2000-02-24
APPLICATION NUMBER: US 60/167,363
FILING DATE: 1999-11-23
APPLICATION NUMBER: US 60/156,358
FILING DATE: 1999-09-28
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ch 84.0%; ll Similarity 90.0%; 18; Conservative
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  Score 16.8; DB 15;
Pred. No. 81;
0; Mismatches 2;
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Pred. No. 81;
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                                                 Length 1156;
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       Gaps
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; NUMBER OF SEQ ID NOS: 282
; SOCTWARE: Patentin Ver. 2.1
; SEQ ID NO 67
; LENGTH: 2487
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-082-830-67
                                                                                                                                                                                                                                                                                                                                  US-10-082-830-67

US-10-082-830-67

Sequence 67, Application US/10082830

Publication No. US20030077604A1

GENERAL INFORMATION:

APPLICANT: Sun, Yongming
APPLICANT: Recipon, Herve
APPLICANT: Liu, Chenghua

APPLICANT: Liu, Chenghua

APPLICANT: Turner, Leah

TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific

TITLE OF INVENTION: Compositions and Proteins
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US-09-854-867-145
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Publication No. US20030224356A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn version 3.1
SEQ ID NO 145
                                                                  Matches
                                                                                   Query Match
Best Local Similarity
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APPLICANT: ROGAN, PETER K
TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING
FILE REFERENCE: 30307
CURRENT APPLICATION NUMBER: US/09/854,867
CURRENT FILLING DATE: 2003-05-08
NUMBER OF SEQ ID NOS: 613
                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/082,830
CURRENT FILING DATE: 2001-10-29
PRIOR APPLICATION NUMBER: 60/243,802
PRIOR FILING DATE: 2000-10-27
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NAME/KEY: repeat region
LOCATION: (1)..(2111)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 2111
TYPE: DNA
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nes 18; Conserv
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                                CCCTGCACAGCAGTCTTAGG 20
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                                                                                   Score 16.8;
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Search completed: January 26, 2005, 18:15:51 Job time : 144.778 secs

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re greater than or equal to the score of the result being printed,
is derived by analysis of the total score distribution.
   seq length: 0 seq length: 2000000000
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1: /ggn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /ggn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /ggn2_6/ptodata/1/ina/6B_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfIles1.seq:*
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Gapop 10.0 , Gapext 1.0
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22
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Listing first 45 summaries
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   GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.
                   US-09-322-357-47
US-09-270-767-12497
US-09-270-765-215
US-09-795-926-47
US-09-023-655-1215
US-09-023-655-12647
US-09-795-268-1647
US-09-795-1647
US-09-671-325-1647
US-09-671-325-1647
US-09-621-976-1156
US-09-621-976-11516
US-09-621-976-11516
US-09-621-976-11516
US-09-621-976-11516
US-09-621-976-11516
US-09-621-976-1516
US-09-621-976-1516
US-09-621-976-168
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US-09-621-976-168
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US-09-621-976-168
US-09-641-259B-1
US-09-184-05-276
US-09-144-805-265
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US-09-144-805-265
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Sequence 168, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 36, Appli
Sequence 7, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 165, Appli
Sequence 26, Appli
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Sequence 298, Appli
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1215, Ap
6532, Ap
6532, Ap
6532, Ap
1647, Ap
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12497, A
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SOFTWARE: 1 SEQ ID NO 47

PatentIn Ver. 2.1

LENGTH: 452

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US-09-621-976-10533	US-09-621-976-10666	US-09-621-976-12572	US-09-621-976-12510	US-09-621-976-14007	US-09-621-976-11167	US-09-621-976-9654	US-10-229-124-3	US-09-784-316-3	US-10-274-878-3	US-09-849-334-3	US-09-484-970B-65	US-09-230-652-1	US-09-220-132-24	US-09-620-312D-289	US-10-229-124-1	US-09-784-316-1	US-09-566-921-50
Sequence 1	Sequence 9	Sequence 3	Sequence 3	Sequence 3	Sequence 3	Sequence 6	Sequence 1	Sequence 2	Sequence 2	Sequence 1	Seguence 1	Sequence 5					
10533, A	10666, A	12572, A	12510, A	14007, A	11167, A	9654, Ap	3, Appli	3, Appli	3, Appli	3, Appli	65, Appl	l, Appli	24, Appl	289, App	l, Appli	l, Appli	50, Appl

ALIGNMENTS

US-09-322-357-47

Sequence 47, Application Patent No. 6593104 GENERAL INFORMATION:

US/09322357

APPLICANT: STONE, EDWIN M.
APPLICANT: SHEFFIELD, VAL C.
RIPLICANT: SHEFFIELD, VAL C.
TITLE OF INVENTION: MACULAR DEGENERATION DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: UIA-018:03
CURRENT APPLICATION NUMBER: US/09/322,357
CURRENT FILING DATE: 1999-05-28
NUMBER OF SEQ ID NOS: 74

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APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOSTWARE: Patentin Ver. 2.0
SEQ ID NO 12497
LENGTH: 867
TYPE: DNA
RORANISM: Drosophila melanogaster
US-09-270-767-12497
                                                                                                                                                                                                                                                                      US-09-270-767-12497/c

: Sequence 12497, Application US/09270767

: Patent No. 6703491

: GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-09-322-357-47
Query Match 80.9%;
Best Local Similarity 90.5%;
Matches 19; Conservative
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Best Local Similarity 90.5%;
Matches 19; Conservative
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              Score 17.8; DB 4
Pred. No. 1.5e+02
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Pred. No. 1.5e+02;
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   Mismatches
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                                   DB 4;
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                                 Length 867;
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CURRENT FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: US 60/185,920
PRIOR FILING DATE: 2000-02-29
PRIOR APPLICATION NUMBER: US 60/186,558
PRIOR APPLICATION NUMBER: US 60/186,558
PRIOR APPLICATION NUMBER: US 60/191,849
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/07915246
Patent No. 5401836
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wilganowski, Nathaniel L.
APPLICANT: Hu, Yi
APPLICANT: Kieke, James Alvin
APPLICANT: Fotter, David George
TITLE OF INVENTION: NOVEL HUMAN TRANSFERASE PROTEINS AND
TITLE OF INVENTION: POLYMUCLEOTIDES ENCODING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 795
TYPE: DNA
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE: LEX-0144-USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Donoho, Gregory
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COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                      APPLICANT: Baszczynski, Chris L.
APPLICANT: Fallis, Lynne
APPLICANT: Bellmare, Guy
APPLICANT: Boivin, Rodolphe
TITLE OF INVENTION: A BRASSICA REGULATORY SEQUENCE
TITLE OF INVENTION: ROOT-SPECIFIC OR ROOT-ABUNDANT
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                            STREET: STREED CITY: Chicago CITY: Illinois
                                                                                                                                                                                                          DDRESSEE:
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Turner, C. Alexander Jr.
Friedrich, Glenn
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Zambrowicz, Brian
Sands, Arthur T.
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                                                                                                                                                                              E: McAndrews, Held, and Malloy
500 W. Madison St. 34th Floor
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94.78;
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GENE EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1215, Application US/09023655
Patent No. 6607879
                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
SOFTWARE: WORD DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
CRESSIFICATION NUMBER:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: POCHOPIER, DORALD J.
REGISTRATION NUMBER: 32,167
REGISTRATION NUMBER: 91
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: COMPOSITION TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 1505 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 91
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312 707-8889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DI
HYPOTHETICAL: NO
ANTI-SENSE: NO
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APPLICATION NUMBER: US/07/915,246
FILING DATE: 19920716
                                                                                            FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 3174 PORTER DRIVE CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
les 18; Conserv
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TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          INCYTE PHARMACEUTICALS, INC
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94.78;
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Pred. No. 2.
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TELEFAX: (650) 845-41

1215:

TELEPHONE:

(650) 855-0555 50) 845-4166

SEQUENCE CHARACTERISTICS:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. 6476212 700351966H1
US-09-313-294A-6532
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                                                                                                                                                                                                                                                                                        RESULT 7
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US-09-023-655-1215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PERL Prog.
SEQ ID NO 6532
LENGTH: 284
TYPE: DNA
TYPE: DNA
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                  Best Loc
Matches
                                                                                                                                                                                                                                        Sequence 3, Application US/08209747 Patent No. 5733771
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6532, Application US/09313294A Patent No. 6476212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sherman, Bradley K.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
FILE REFERENCE: PL-0017 US
CURRENT APPLICATION NUMBER: US/09/313,294A
CURRENT FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 7600
                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
ZIP: 22040-3487
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                           NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IMMEDIATE SOURCE:
                                                                                                                                                                                             APPLICANT:
                                                                             ADDRESSEE: Birch, Stewart, Kolasch & Birch STREET: P.O. Box 747
CITY: Falls Church
                                                                                                                                                           PHICANT: Colgin, Mark
TIE OF INVENTION: cDNAS Encoding Minor Ampullate Spider
TIE OF INVENTION: Silk Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                Local
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                                               COUNTRY: USA
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l Similarity 94.7%;
l8; Conservative
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                                                                Virginia
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Pred. No. 2.5e
0; Mismatches
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Pred. No. 2.4e+02;
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PRIOR APPLICATION NUMBER: US 08/207, APPLICATION NUMBER: US 08/207, FILING DATE: 14-MAR-1994
ATTORNEY, AGENT IMPORMATION:
NAME: Murphy Jr., Gerald M.
NAME: Murphy Jr., Gerald M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 309 base pairs
                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,298
                                                                                        PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: cDNAs Encoding Minor Ampullate Spider TITLE OF INVENTION: Silk Proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Birch, Stewart, Kolasch & Birch
STREET: P.O. Box 747
CITY: Falls Church
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 1..309
OTHER INFORMATION:
OTHER INFORMATION:
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CLASSIFICATION:
                                                                                                                                 FILING DATE: 02-JUN-1995
                                                                                                                                                                                                                                                                            ZIP: 22040-3487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 14
LECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER:
                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TISSUE TYPE: minor ampullate gland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Murphy Jr., Gerald M. REGISTRATION NUMBER: 28,977
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: N. clavipes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ropology:
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                                                                                                                                                                                                                                                                                               USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Lewis, Randolph V.
Colgin, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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SYSTEM: PC-DOS/MS-DOS
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86.4%;
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protein"
                                                                            US 08/209,747
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Pred. No. 2.5e+02;
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RESULT 10
US-09-736-457-1647
; Sequence 1647, Application US/09736457
; Patent No. 6509448
: GENERAL INFORMATION:
                                                                                                                                                                                                                                                  APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C14
CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 1647
LENGTH: 451
TYPE: DNA
ORGANISM: Homo sapiens
US-09-702-705-1647
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US-09-702-705-1647
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                                                                                                                                                                                             Matches
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Best Local Similarity
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APPLICANT:
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INFORMATION FOR SEQ ID NO: 3:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: N. clavipes
TISSUE TYPE: minor ampullate gland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 309 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 1447-104P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: CDS
LOCATION: 1..309
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                     78.2%;
Local Similarity 86.4%;
les 19; Conservative
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                                                                                                                                 301 CAGCAGCCCCACCACCATCTCC 322
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Carter, Darrick
Retter, Marc
Mannion, Jane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Fanger, Gary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bangur, Chaitanya
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Chaitanya S.
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86.4%;
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protein"
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Pred. No. 2.5e+02;
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Pred. No. 2.5e+02;
                                                                                                                                                                                             Mismatches
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APPLICANT:

Wang, Tongtong Bangur, Chaitanya S.

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APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C9
CURRENT APPLICATION NUMBER: US/09/614,124B
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 1668
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 451
RESULT 12

US-09-671-325-1647

; Sequence 1647, Application US/09671325

; Patent No. 6667154

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; LENGTH: 451
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-736-457-1647
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APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Mang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
TITLE REFERENCE: 201011.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
NUMBER OF SEQ ID NOS: 1864
                                                                                                                                                                                                                                                                                   ; LENGTH: 451
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-614-124B-1647
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US-09-614-124B-1647
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GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
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SEQ ID NO 1647
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Best Local Similarity
Matches 19; Conserv
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Bangur, Chaitanya
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
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Retter, Marc
Mannion, Jane
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Lodes, Michael
Fanger, Gary
Vedvick, Tom
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Pred. No. 2.
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Pred. No. 2.5e+02;
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APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C12
CURRENT FILLING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1647
LENGTH: 451
TYPE: DNA
ORGANISM: Homo sapiens
US-09-671-325-1647
78.2%; Score 17.2; DB 4; Length 451;
                                                                                       RESULT 14
US-09-621-976-107
                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-658-824-1647 .
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US-09-658-824-1647
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                                 Sequence 107, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 1647
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Patent No. 674684
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Best Local Similarity 86.4%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Retter, Marc
APPLICANT: Mannion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C11
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 1788
NUMBER OF SEQ ID NOS: 1788
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APPLICANT:
APPLICANT: Dumas Milne Edwards, J.B APPLICANT: Jobert, S.
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Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
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Retter, Marc
Mannion, Jane
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Bangur, Chaitanya
Lodes, Michael A.
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Vedvick, Tom
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Pred. No. 2.5e+02
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Pred. No. 2.5e+02
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APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
APPLICANT: Jobert, S.
TITLE OF INVENTION: EST8 and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 1516
LENGTH: 543
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US-09-621-976-1516
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Patent No. 6639063
GENERAL INFORMATION:
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CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 107 .
                                                                    Matches
                                                                                    Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                   NAME/KEY: CDS
LOCATION: 257..505
NAME/KEY: 8id peptide
LOCATION: 257..325
CTHER INFORMATION: Von Heijne matrix
OTHER INFORMATION: score 6.6999980926514
OTHER INFORMATION: seq LCPSICMCSVSLA/CV
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NAME/KEY: CDS
LOCATION: 257..490
                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
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LOCATION: 257..325
OTHER INFORMATION: BCORE 6.6999980926514
OTHER INFORMATION: BCORE 6.6999980926514
OTHER INFORMATION: BGG LCPSICMCSVSLA/CV
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ilarity 86.4%;
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                                                                                   78.2%;
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Pred. No. 2.5e+02;
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Pred. No. 2.5e+02
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Search completed: January 26, Job time : 31.1917 secs

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Post-processing: Minimum Match 0%
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Maximum DB seq length: 200000000
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1: /cgn2_6/ptodata/1/pubpna/US07
2: /cgn2_6/ptodata/1/pubpna/PCT_b
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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		3096										Query Match Length
2 13	5 15	5 15				9 17		9 16	15	17	14	1 DB
US-10-087-192-1228	US-10-295-027-894	US-10-295-027-819	US-10-295-027-792	US-10-295-027-775	US-10-108-260A-2264	US-10-767-701-9631	US-10-739-930-4643	US-10-425-114-22378	US-10-369-493-31701	US-10-322-281-791	US-10-085-612-4	ID
Sequence 1228, Ap	Sequence 894, App	Sequence 819, App	Sequence 792, App	Sequence 775, App	Sequence 2264, Ap	Sequence 9631, Ap	Sequence 4643, Ap	Sequence 22378, A	Sequence 31701, A	Sequence 791, App	Sequence 4, Appli	Description

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17.4	17 4	17.4	17.4	17.4	17.8	7	17.8	17.8				17.8	17.8	•	17.8	17.8	17.8	17.8	•-	•		•	17.8	•	17.8		•	•	•	•	18.4	18.8
79.1	70	79.1	79.1	79.1	0.9	•	80.9	•	80.9	•	•	80.9	80.9	80.9	•	80.9	80.9	•	•	80.9	•		80.9	•	80.9	•	•	80.9	•	80.9	83.6	Ü
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US-10-767-701-26731	118-10-767-701-31051	-10-741-601-	-10-741-601-	US-10-741-601-1456	US-10-087-192-670	US-10-052-482-154	US-10-473-974-243	-10-159-563-	- 1	US-10-101-510-356	US-10-276-774-373	US-10-087-192-671	US-10-210-175-13	US-10-464-368-30	US-10-027-632-114681	US-10-027-632-114681	US-10-437-963-14264	US-10-425-115-174824	-10-027	-10-027-632-	US-10-425-114-2385	US-10-425-115-162309	US-10-437-963-10139	US-10-767-701-17455	US-09-864-761-2884	US-09-923-876-3761	US-09-923-876-3761	US-10-425-115-83310	US-10-741-601-1495	-601-	US-10-369-493-43210	02-10-00/-132-1330
Sequence 26731, A	31051	10243,	Sequence 1500, Ap	1456,	670,	154,	243,	20	<u>ر</u>		37	67	13,	30,		Sequence 114681,	Sequence 14264, A		Sequence 53593, A		2385,		1013	e 1745	884,	Sequence 3761, Ap	3761,	8331		1452,	43210,	,

ALIGNMENTS

RESULT 1 US-10-085-612-4

Sequence 4, Application US/10085612 Publication No. US20030096251A1

GENERAL INFORMATION:

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                                                                                                                                                                          ; TYPE: DNA; ORGANISM: Homo sapiens US-10-085-612-4
                                                                                  Best Local Similarity
Matches 22; Conserv
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 1254
                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                               APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
APPLICANT: Marks, Jeffrey
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 1998-08-31
PRIOR FILING DATE: 1990-02-26
ENTOR FILING DATE: 1990-03-26
1027 CTGCAGCCCCACCTCCTTCTCC 1048
                          CTGCAGCCCCACCTCCTTCTCC 22
                                                                                  100.0%; Score 22; ilarity 100.0%; Pred. No. Conservative 0; Mismatch
                                                                                       Mismatches
                                                                                                                               DB 14; Length 1254;
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                                                                                     Gaps
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APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
LENGTH: 1188
RESULT 4
US-10-425-114-22378
; Sequence 22378, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
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                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Rhodobacter sphaeroides
US-10-369-493-31701
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; NAME/KEY: misc_feature
; LOCATION: (1)...(29560)
; OTHER INFORMATION: n = A,T,C or G
US-10-322-281-791
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Publication No. US20040126762A1
GENERAL INFORMATION:
APPLICANT: David W. Morris
APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Compositions and Methods in OFILE REFERENCE: 529452001000
CURRENT APPLICATION NUMBER: US/10/322,281
CURRENT FILING DATE: 2002-12-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 866
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 791
LENGTH: 29560
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ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                                                                                                                                                                     Local Similarity
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l Similarity 95.5%;
21; Conservative
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Pred. No. 1.
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Pred. No. 2
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RESULT 6
US-10-767-701-9631
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Publication No. US20040216190A1

GENERAL INFORMATION:

APPLICANT: Kovalic, David K.

TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT FILE REFERENCE: 38-21(5377)B

FULE REFERENCE: 38-21(5377)B

CURRENT APPLICATION NUMBER: US/10/739,930

CURRENT FILING DATE: 2003-12-18

NUMBER OF SEQ ID NOS: 11088

SEQ ID NO 4643

LENGTH: 2076
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APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 22378
LENGTH: 1599
TURNE 1599
Sequence 9631, Application US/10767701

Publication No. US20040172684A1

GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic and Uses Thereof For Plant Improvement
FILE REFERENCE: 38-21(53535)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT FILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 9631
LENGTH: 2149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Clone ID: TRIAE-23APR03-CLUSTER29141_1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Triticum aestivum FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Clone ID: LIB3478-020-C3_FLI
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; Pred. No. 1.8e
0; Mismatches
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Pred. No. 1.7e+02
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RESULT 8
US-10-295-027-775/c
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; Sequence 2264, Application US/10108260A
; Publication No. US20040005560A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         밁
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CURRENT FILING DATE: 2002-03-27
NUMBER OF SEQ ID NOS: 5458
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 90.9
20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Afar, Daniel
APPLICANT: Aziz, Natashi
APPLICANT: Ginsberg, Wei
APPLICANT: Gish, Kurt C
APPLICANT: Glynne, Rich
APPLICANT: Hevezi, Pete:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: HELIX RESEARCH INSTITUTE
TITLE OF INVENTION: No. US20040005560A1el full length cDNA
FILE REFERENCE: H1-A0106
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                                                                                                                                                                        APPLICANT: Mack, David H.
APPLICANT: Murray, Richard
APPLICANT: Watson, Susan R.
APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and TITLE OF INVENTION: Methods of Screening for Modulators of Cancer FILE REFERENCE: 018501-012500US
CURRENT APPLICATION NUMBER: US/10/295,027
CURRENT APPLICATION NUMBER: US 09/663,733
PRIOR APPLICATION NUMBER: US 09/663,733
PRIOR FILING DATE: 2000-09-15
PRIOR FILING DATE: 2000-09-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Sorghum bicolor
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              OR APPLICATION NUMBER: US 60/350,666
OR FILING DATE: 2001-11-13
OR APPLICATION NUMBER: US 60/335,394
OR FILING DATE: 2001-11-15
OR APPLICATION NUMBER: US 60/332,464
OR FILING DATE: 2001-11-21
OR APPLICATION NUMBER: US 60/334,393
OR FILING DATE: 2001-11-29
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Similarity 90.9%;
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Hevezi, Peter A.
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NUMBER: US 60/340,376
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Pred. No. 1.6e+02,
0; Mismatches
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Pred. No. 1.7e+02;
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LENGTH: 3096
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-295-027-775
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PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/335,394
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/332,464
PRIOR FILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 60/334,393
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/340,376
PRIOR PILING DATE: 2001-12-14
PRIOR PILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 60/347,211
PRIOR PILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 60/347,211
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              Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 1386
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 792
LENGTH: 3096
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PRIOR APPLICATION NUMBER: US 60/347,349
PRIOR FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/355,250
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: US 60/356,714
PRIOR PILING DATE: 2002-02-13
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PRIOR APPLICATION NUMBER: US 60/347,349
PRIOR FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/355,250
PRIOR FILING DATE: 2002-02-08
PRIOR APPLICATION NUMBER: US 60/356,714
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CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US 09/663,733
PRIOR FILING DATE: 2000-09-15
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APPLICANT: Watson, Susan R.
APPLICANT: Eos Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
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PRIOR APPLICATION NUMBER: US 60/347,211
PRIOR FILING DATE: 2002-01-08
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TYPE: DNA
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Hevezi, Peter A.
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Pred. No. 1.
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RESULT 11
US-10-295-027-894/c
; Sequence 894, Application US/10295027
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                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-295-027-819
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 097663,733
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: US 60/350,666
PRIOR FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: US 60/335,394
PRIOR PILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/332,464
PRIOR PILING DATE: 2001-11-21
PRIOR PILING DATE: 2001-11-21
PRIOR APPLICATION NUMBER: US 60/34,393
PRIOR PILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US 60/340,376
PRIOR APPLICATION NUMBER: US 60/340,376
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Best Local
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APPLICANT:
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TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and
TITLE OF INVENTION: Methods of Screening for Modulators of Cancer
FILE REFERENCE: 018501-012500US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/295,027
CURRENT FILING DATE: 2002-11-13
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FILING DATE: 2002-01-10
APPLICATION NUMBER: US 60/355,250
FILING DATE: 2002-02-08
APPLICATION NUMBER: US 60/356,714
FILING DATE: 2002-02-13
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APPLICATION NUMBER: US 60/347,211
FILING DATE: 2002-01-08
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                                                                                                                                                                       Similarity
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                                                                                                                                                       Conservative
                                                                                                                                                                     90.9%;
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Pred. No. 1.6e+02;
0; Mismatches 2;
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Pred. No. 1.6e+02;
0; Mismatches 2;
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APPLICANT: WATSON, SUBAN R.

APPLICANT: EOS BIOTECHNOLOGY, INC.

FILLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and TITLE OF INVENTION: Methods of Screening for Modulators of Cancer FILE REFERENCE: 018501-012500US

CURRENT APPLICATION NUMBER: US/10/295,027

CURRENT ILING DATE: 2002-11-13

PRIOR PILING DATE: 2000-09-15

PRIOR PILING DATE: 2000-09-15

PRIOR FILING DATE: 2001-11-13

PRIOR FILING DATE: 2001-11-13

PRIOR FILING DATE: 2001-11-13

PRIOR APPLICATION NUMBER: US 60/335,394

PRIOR FILING DATE: 2001-11-15

PRIOR APPLICATION NUMBER: US 60/335,394

PRIOR APPLICATION NUMBER: US 60/335,394
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US-10-087-192-1228/c
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; ORGANISM: Homo sapiens
US-10-295-027-894
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Publication No. US20020182586A1
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Best Local Similarity
                                                                     FILE REFERENCE: 529452000122
CURRENT APPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-2
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-12-2
                                                                                                                                                                                                                                    APPLICANT: MORRIS, David W.
APPLICANT: Engelhard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS
TITLE OF INVENTION: CANCER
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                                                   PRIOR FILING DATE:
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APPLICATION NUMBER: US 60/340,376
FILING DATE: 2001-12-14
APPLICATION NUMBER: US 60/347,211
FILING DATE: 2002-01-08
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FILING DATE: 2002-01-10
APPLICATION NUMBER: US 60/355,250
FILING DATE: 2002-02-08
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ING DATE: 2001-03-02
SEQ ID NOS: 2059
FastSEQ for Windows Version 4.0
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Hevezi, Peter A.
Mack, David H.
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Pred. No. 1.6e
0; Mismatches
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LENGTH: 235070
; TYPE: DNA
; ORGANISM: Homo sapiens
; PEATURE:
; PAME/KEY: misc_feature
; LOCATION: (1)...(235070)
; OTHER INFORMATION: n = A,T,C or G
US-10-087-192-1990
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US-10-087-192-1228
SEQ ID NO 43210
LENGTH: 1164
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 90.3
20; Conservative
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1990, Application US/10087192 Publication No. US20020182586A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 43210, Application US/10369493 Publication No. US20030233675A1
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Best Local Similarity 90.9%;
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                      APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROPERTIES
FILE REFERENCE: 38-10(52052)B
FILE REFERENCE: 38-10(52052)B
FILE REFERENCE: 38-10(52052)B
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
PRIOR FILING DATE: 2002-02-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 529452000122
CURRENT APPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR APPLICATION NUMBER: US 09/798,586
PRIOR FILING DATE: 2001-03-02
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APPLICANT: Engethard, Eric K.
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS
TITLE OF INVENTION: CANCER
                                                                          NUMBER OF SEQ ID NOS: 47374
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; Pred. No. 88;
0; Mismatches
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Pred. No. 1.1e+02;
0; Mismatches 2;
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APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001500
CURRENT APPLICATION NUMBER: US/10/741,601
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 26415
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1452
LENGTH: 201
TYPE: DNA
ORGANISM: Homo sapiens
US-10-741-601-1452
Search completed: January 26, 2005, 18:15:53 Job time: 157.956 secs
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                                                                                                                                       Query Match
Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1452, Application US/10741601 Publication No. US20040166519A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                       159
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                                                                                                     TGCAGCCCCACCTCCTTCTCC 22
                                                                                                                                         Conservative
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Pred. No. 2.7e+02;
0; Mismatches 1
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                                                                       179
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Result
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Maximum DB seq length: 200000000
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Match
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfIles1.seq:*
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 US-09-372-339-1
US-09-372-339-2
US-09-372-339-2
US-09-444-3673
US-09-480-474-10
US-09-270-767-29245
US-09-270-767-3305
US-07-883-169A-4
US-09-917-254-40
US-09-917-254-40
US-09-917-254-40
US-09-917-254-40
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US-09-620-31120-248
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US-08-658-136-1
US-08-658-136-1
US-08-659-136-6
US-09-642-146-6
US-09-642-146-6
US-09-944-186-2
US-08-09-164-186-2
US-08-09-79-689-7
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Sequence 1, Appli
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Sequence 4, Appli
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Sequence 6, Appli
Sequence 26, Appli
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US-09-372-339-2 US-09-372-339-2 US-09-372-339-2 Sequence 2, Application US/09372339 Patent No. 6174684 GENERAL INFORMATION: GENERAL INFORMATION: APPLICANT: Rebbeck, Timothy APPLICANT: Felix, Carolyn TITLE OF INVENTION: CYP3A4 NFSE Variant and Methods of Use Therefor FILE REFERENCE: PENN-0695 CURRENT FILING DATE: 1990-08-11 CURRENT FILING DATE: 1999-08-11 EARLIER APPLICATION NUMBER: 60/096,586 EARLIER FILING DATE: 1998-08-14 NUMBER OF SEQ ID NOS: 6 SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 2 LENGTH: 1345 TYPE: DNA ORGANISM: Homo sapiens US-09-372-339-2	Query Match 84.8%; Score 17.8; DB 3; Length 1345; Best Local Similarity 90.5%; Pred. No. 1.2e+02; Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps (Qy 1 CTGCAGCCCGCCTTCTTCTC 21	RESULT 1 US-09-372-339-1 US-09-372-339-1 ; Sequence 1, Application US/09372339 ; Patent No. 6174684 ; GENERAL INFORMATION: APPLICANT: Rebbeck, Timothy APPLICANT: Felix, Carolyn ; TITLE OF INVENTION: CYP3A4 NFSE Variant and Methods of Use Therefor FILE REFERENCE: PENN-0695 ; CURRENT APPLICATION NUMBER: US/09/372,339 ; CURRENT FILING DATE: 1999-08-11 ; EARLIER APPLICATION NUMBER: 60/96,586 EARLIER TILING DATE: 1998-08-14 ; NUMBER OF SEQ ID NOS: 6 ; SOFWARE: Patentin Ver. 2.0 ; SEQ ID NO 1 ; LENGTH: 1345 ; TYPE: DNA ORGANISM: Homo sapiens US-09-372-339-1	ALIGNMENTS	1 750 2 US-08-797-689-3 Sequence 1 750 4 US-09-984-186-3 Sequence 1 750 4 US-09-984-186-3 Sequence 1 837 3 US-09-123-492A-3 Sequence 1 925 4 US-09-311-021-119 Sequence 1 936 4 US-09-416-590C-2 Sequence 1 960 2 US-07-841-591A-1 Sequence 1 960 5 PCT-US93-02034-1 Sequence	16.2 77.1 288 2 US-08-797-689-9 Sequence 9, 16.2 77.1 288 4 US-09-984-186-9 Sequence 9, 16.2 77.1 509 4 US-09-621-976-14709 Sequence 14: 16.2 77.1 557 4 US-10-101-464A-168 Sequence 16: 16.2 77.1 628 4 US-09-270-767-11361 Sequence 11: 16.2 77.1 628 4 US-09-270-767-11361 Sequence 11: 16.2 77.1 628 2 US-08-347-594A-3 Sequence 3,	16.2 77.1 60 2 US-08-797-689-27 Sequence 16.2 77.1 60 4 US-09-984-186-7 Sequence 16.2 77.1 60 4 US-09-984-186-27 Sequence 16.2 77.1 120 4 US-09-270-767-26922 Sequence

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US-09-144-367-3
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SEQ ID NO 3
LENGTH: 1345
TYPE: DNA
ORGANISM: H. sapiens
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 10,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Other LOCATION: (0)...(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
                                                                                                                                                  COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                        APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                     ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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Ellis, Steven
Liaw, Chen W.
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                                                                                                                                                                                                                                                                                                                                                                                           Steven B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   84.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                 Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     84.8%;
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Pred. No. 1.2e+02;
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Pred. No. 1.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.2e+02;
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; MOLECULE TYPE: cDNA US-08-480-474-10
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US-09-270-767-13305/c
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                                                                                             ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-13305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Drosophila melanogaster US-09-270-767-29245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-270-767-29245/c
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Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: NUMBER: US/09/270,767
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOOTWARE: PatentIn Ver. 2.0
SEQ ID NO 29245

LENGTH: 189
                                                                                                                                          APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13305
LENGTH: 743
                                                                                                                                                                                                                                                                                             Sequence 13305, Application US/09270767 Patent No. 6703491 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Best Local :
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Best Local Similarity
                                Matches
                                             Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 3545 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                   176 CTGCAGATCCGCCTCCTTCT 157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       500 GCAGCCCCGCCGCCTTCTC 482
                               18;
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CIGCAGCCCCGCCTCCTTCT 20
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                               Conservative
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                                             80.0%;
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                             0; Mismatches
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                                              Score 16.8; DB Pred. No. 3e+02;
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Pred. No. 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21
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Pred. No. 1.
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3e+02;
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                               <u>ب</u>
                                                            Length 743;
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                                Indels
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RESULT 8
US-08-429-964-4
; Sequence 4, Application US/08429964
; Patent No. 5962243
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Patent No. 5420245
                                                                                                                                                                                            Matches
                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/07/863,169A
FILING DATE: 03-APR-1992
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/822,011
FILING DATE: 19-JAN-1992
CLASSIFICATION: 530
APPLICATION NUMBER: US 07/937,893
FILING DATE: 18-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Brown, Michael S.
APPLICANT: Goldstein, Joseph L.
APPLICANT: Reiss, Yuval
                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTSI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEPAX: (713) 789-2679
                                                                                                                                                                                                                                                                                                                                                                       TELEX: 79-0924
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC COMPUTER: TOS/MS-DOS/ASCII
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
US_07/863,169A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 2464 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 19-0924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: F..
STREET: F..
TTY: Houston
Texas
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 530

APPLICATION NUMBER: US 615,715

FILING DATE: 20-NOV-1990

CLASSIFICATION: 530

CLASSIFICATION NUMBER: US 510,706
                                                                                                                                                                                                                                                                               LENGTH: 2464 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 5 FILING DATE: 18-APR-1990
                                                                                                                    2146
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                                                                                                                                                      1 CTGCAGCCCCGCCTCCTTCT 20
                                                                                                                    CTGCAGCCCAGGCTCCTTCT 2165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          United States of America
                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS/ASCII
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                                                                                                                                                                                        ; Score 16.8; D; Pred. No. 3e+0
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                                                                                                                                                                                                                          DB 1; Length 2464;
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RESULT 9
US-07-935-087-4
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                                                                                                                                              Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 4:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US C
FILING DATE: 16-FEB-1993
CLASSIFICATION: 435
APPLICATION UMBER: US O
FILING DATE: ABANDONED
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 2464 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/01
FILING DATE: 27-APR-1995
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GOLDSTEIN, JOSEPH L.

APPLICANT: REISS, YUVAL

APPLICANT: JAMES, GV L.

TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF FARNESYL

TITLE OF INVENTION: TRANSFERASE INHIBITORS

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTSD:432/PAR
                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                       TELEFAX: 19-0924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: BROWN, MICHAEL S
                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (514) 789-2679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US/91/02650 FILING DATE: 18-APR-1991 CLASSIFICATION: 435 APPLICATION NUMBER: US 07/615,715 FILING DATE: 20.NOV-1990 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/510,706 FILING DATE: 18-APR-1990 (ABANDON CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: ARNOLD, WHITE & DURKEE STREET: P.O. BOX 4433
CITY: HOUSTON
                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: UNITED STATES OF AMERICA ZIP: 77210
                                                                                                                                                                                                                                         TOPOLOGY:
                                                                         2146 CTGCAGCCCAGGCTCCTTCT 2165
                                                                                                                                                18;
                                                                                                          1 CTGCAGCCCCGCCTCCTTCT 20
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                                                                                                                                              Conservative
                                                                                                                                                                                                                                         linear
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N: 435
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                                                                                                                                                                90.0%;
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                                                                                                                                              Score 16.8; D
Pred. No. 3e+0
0; Mismatches
                                                                                                                                              <u>.</u>
                                                                                                                                                                8; DB 2;
3e+02;
                                                                                                                                                                                 Length 2464;
                                                                                                                                              0
                                                                                                                                                Gaps
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Sequence 4, Application US/07935087
Patent No. 6083917
GENERAL INFORMATION:

0

APPLICANT: APPLICANT: APPLICANT:

BROWN, MICHAEL S.
GOLDSTEIN, JOSEPH L.
REISS, YUVAL

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PCT-US93-08062-4
                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 10
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GENERAL INFORMATION:
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                                                                                                                                                      SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS: GOLDSTEIN, JOSEPH
SEQUENCE CHARACTERISTICS: GOLDSTEIN, JOSEPH
SEQUENCE CHARACTERISTICS: REISS, YUVAL
SEQUENCE CHARACTERISTICS: MARSTERS, JR., JAW
ADDRESSEE: METHODS AND COMPOSITIONS FOR
ADDRESSEE: CHARACTERISTION,
ADDRESSEE: CHARACTERIZATION AND
ADDRESSEE: CHARACTERIZATION AND
ADDRESSEE: INHIBITION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best
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APPLICATION NUMBER: US/07/935

FILING DATE: 19920824

CLASSIFICATION DATA: 19920824

CLASSIFICATION DATA: AS5

PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION UNMBER: US/07/822

FILING DATE: 01/16/92

ATTORNEY/AGENT INFORMATION: NAME: PARKER, DAVID L.

REGISTRATION NUMBER: 32,165

REFERENCE/DOCKET NUMBER: UTSD

TELECOMMUNICATION INFORMATION:
TELEPHONE: 512-320-7200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                   ADDRESSEE: ARN
STREET: P.O. B
CITY: HOUSTON
                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 2464 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: P.O. I
                      STATE:
                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: TEXAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: ARNOLD, WH
STREET: P.O. BOX 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2146 CTGCÁGCCCAGGCTCCTTCT 2165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CTGCAGCCCCGCCTCCTTCT 20
                    TEXAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             512-474-7577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
UNITED STATES OF AMERICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WORDPERFECT 5.1 (converted to ASCII-DOS)
                                                          ARNOLD, WHITE & DURKEE
O. BOX 4433
                                                                                                                  FARNESYLTRANSFERASE
DUENCES: 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            THE IDENTIFICATION, CHARACTERIZATION, AND INHIBITION OF FARNESYL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 80.0%; Score 16.8; DB 3; 90.0%; Pred. No. 3e+02; tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                   JOSEPH L.
                                                                                                                                                                                                                                            JAMES C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
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RESULT 12
US-09-620-312D-248/c
; Sequence 248, Application US/09620312D
; Patent No. 6569662
; GENERAL INFORMATION:
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US-09-917-254-40/c
US-09-917-254-40/c
Sequence 40, Application US/09917254
Patent No. 6703204
GENERAL INFORMATION:
APPLICANT: Mutter, George
APPLICANT: Baak, Jan
                                                                                                                                밁
                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-917-254-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT-US93-08062-4
                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 40 LENGTH: 5574
                                                                                                                                                                                                                       Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/222,093 PRIOR FILING DATE: 2000-07-28 NUMBER OF SEQ ID NOS: 102
                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Prognostic Classification of Breast Cancer FILE REFERENCE: B0801/7224 (JRV) CURRENT APPLICATION NUMBER: US/09/917,254 CURRENT FILING DATE: 2001-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: NOT APPLICABLE INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 2464 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 07/935,087
FILING DATE: 24 AUGUST 1992 (2
NAME: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK/ASKII
COMPUTER: IEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERPECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 512-320-7200
                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 2464 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US93/08062 FILING DATE: AUGUST 24, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
                                                                                                                                2934 Crecaecrecrecrer 2915
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                                                                                                                                                                                                    18; Conservative
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Pred. No. 3e+02;
0; Mismatches
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                                                                                                                                                                                                                                        Length 5574;
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Asundi,

Chenghua di, Vinod

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NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt FL genes Version 1.0
SEQ ID NO 248
LENGTH: 7453
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillinghast
APPLICANT: John Tillinghast
TITLE OF INVENTION: No. 6569662el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                           atent No. 6569662
                                                                                                                                                                                                                                                                                                                                                                                                        09-620-312D-249/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 194CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
                                                                                                                                                                                                                                                                                                                                                          ENERAL INFORMATION:
                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Drmanac, Radoje T.
ITLE OF INVENTION: No. 6569662el Nucleic Acids and
ITTLE OF INVENTION: Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: CDS
LOCATION: (1)..(4362)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3279 CTGCAGCTCCTCCTTCT 3260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                Asundi, Vince
Zhang, Jie
Ren, Felyan
Chen, Rui-hong
Zhao, Qing A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTGCAGCCCCGCCTCCTTCT 20
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Wang, Dunrui
Wang, Zhiwei
John Tillinghast
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Zhang, u-
Pen, Feiyan
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                                                                                                                                                                Wang, Jian-Rui
Zhou, Ping
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Wang, Jian-Rui
Zhou, Ping
                                                                                                                                           Ma, Yunging
                                                                                                                                                                                                                              Wehrman,
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                                                                                                                                                                                                                                                                                                                                                                                           Application US/09620312D
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ndi, Vinod
                                                                                                                                                                                                             Aidong J.
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Tom
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SEQ ID NO 249
SEQ ID NO 249
LENGTH: 7501
TYPE: DNA
ORGANIEM: Homo sapiens
; CLONE: g641957
US-09-023-655-1463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 14
US-09-023-655-1463/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REGISTRATION NUMBER: PA-0
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1855-0555
                                                                                                                                     TELEFAX: (650) 845-416
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/552,317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(4410)
                              TOPOLOGY: line
IMMEDIATE SOURCE:
LIBRARY: GENBA
                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 31...
STREET: 31...
STATE: PALO ALTO
CTATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: HEREW
                                                                                                                        ENGTH:
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                                                                                                     nucleic acid
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                                                                                                                      7596 base pairs
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                                 GENBANK
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Pred. No. 3e
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Search completed: January 26, 2005, 13:15:26 Job time: 28.825 secs
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US-08-323-443B-1
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APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: NY
COUNTY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:

NAME: Ludwig, S. Peter

REGISTRATION NUMBER: 25,351

REFERENCE/DOCKET NUMBER: 0372/0A462

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 527-7700

TELEPHON: (212) 527-7700

TELEPAY: (212) 753-6237

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                       Query Match 80.0%; Score 16.8; DB 1; Length 31571; Best Local Similarity 90.0%; Pred. No. 3e+02; Matches 18; Conservative 0; Mismatches 2; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,443B
FILING DATE: 12-CCT-1994
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: KLINGER
APPLICANT: LANDES,
APPLICANT: BURN, T
APPLICANT: CONNORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/08323443B Patent No. 5654170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 80.0%; Score 16.8; DB 4; Length 7596; Best Local Similarity 90.0%; Pred. No. 3e+02; Matches 18; Conservative 0; Mismatches 2; Indels 0;
                                                                                                                                                                                                                                                                                LENGTH: 31571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
                                                                                         22870 TGCAGCCCTGCCTCCTCTC 22889
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                                                                                                                  2 TGCAGCCCCGCCTCCTTCTC 21
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LANDES, GREGORY M.
BURN, TIMOTHY C.
CONNORS, TIMOTHY D.
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Scoring table:
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Perfect score:
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21
1 ctgcagccccgcctc
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Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Published Applications NA:*
1: /cgn2_6/ptodata/1/pubpna/US07
2: /cgn2_6/ptodata/1/pubpna/PCT_1
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/cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq:*
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/cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq:*
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_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
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_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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d. No. is the number of results predicted by chance to have a re greater than or equal to the score of the result being printed, is derived by analysis of the total score distribution.

SUMMARIES

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17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	18.4	19.4	Score
84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	87.6	92.4	Query Match
1345	1294	1286	1115	1080	1012	907	333	235	162	1142	1254	Query Match Length DB
10	18	16	17	16	φ	17	17	17	16	18	14	BB
US-09-943-115A-1	US-10-425-115-33839	US-10-425-114-25053	US-10-437-963-4245	US-10-282-122A-14967	US-09-957-997-4	US-10-767-701-9673	US-10-437-963-4246	US-10-437-963-39436	US-10-260-238-5770	US-10-425-115-95740	US-10-085-612-4	ID
Sequence 1, Appli	Sequence 33839, A	Sequence 25053, A	Sequence 4245, Ap	Sequence 14967, A	Sequence 4, Appli	Sequence 9673, Ap	Sequence 4246, Ap	Sequence 39436, A	Sequence 5770, Ap	Sequence 95740, A	Sequence 4, Appli	Description

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80.0		•	80.0	80.0	80.0	80.0	80.0	80.0.	80.0	80.0	80.0	80.0	81.0	81.0	•	•	•		•	82.9			•	84.8	•	•	•	٠	•	84.8	٠	٠
803	489	477	425	425	425	425	425	330	326	326	201	201	53542	21581	21581	3687	2376	1902	1212	685	555	503	227246	136284	29560	15185	13035	11186	2374	1471	1345	
15	10	10	17	16	16	14	9	18	15	13	17	17	9	15	15	17	17	18	18	17	17	9	17	17	17	15	15	9	15	18	14	
US-10-029-386-6894	-09-918-995-	US-09-918-995-12275		US-10-154-884B-5944	US-10-057-475B-5944	US-10-040-862-5944	US-09-796-692-5944	US-10-425-115-27622	US-10-027-632-267839	US-10-027-632-267839	US-10-741-601-1495	US-10-741-601-1452	US-09-801-574-61	US-10-292-798-1687	US-10-017-161-2041	-10-437-963-	US-10-437-963-53218	US-10-193-452-16	US-10-193-452-18	US-10-767-701-27580	US-10-437-963-38151	09-783-590-5	-10-322-281-	US-10-775-169-149	US-10-322-281-791	US-10-121-960C-17	US-10-121-960C-14	US-09-957-997-1	US-10-094-749-173	US-10-425-115-20894	US-10-085-612-3	
6894	2653	1227	5944		5944	3 5944	5944,	Sequence 27622, A		267839	1495,	OD.	Sequence 61, Appl	1687,		94562	532:	Sequence 16, Appl	18,		38151,	5595,	314		791	17,	e 14,	, A	بر	200	Sequence 3, Appli	

ALIGNMENTS

US-10-085-612-4

Sequence 4, Application US/10085612 Publication No. US20030096251A1

GENERAL INFORMATION:

APPLICANT: Guida, Marco APPLICANT: Hall, Jeff APPLICANT: Petros, Will APPLICANT: Vredenburgh

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SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 1254
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-612-4
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Best Local Similarity
Matches 20; Conserv
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APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals.
TITLE OF INVENTION: Compositions Therefor
TITLE OF INVENTION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
RRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR TILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/271,630 PRIOR FILING DATE: 2001-02-26
1027 CTGCAGCCCCACCTCCTTCTC 1047
                      CTGCAGCCCCGCCTCCTTCTC
                                                                               Conservative
                                                                                           92.48;
                                                                            <u>.</u>
                                                                                               Score 19.4;
Pred. No. 50;
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                                                                               Mismatches
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                                                                               Indels
                                                                                                                  Length 1254;
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                                                                            Gaps
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CURRENT APPLICATION NUMBER: US/10/260,238;
CURRENT FILING DATE: 2002-09-26;
PRIOR APPLICATION NUMBER: US 60/325,448;
PRIOR FILING DATE: 2001-09-26;
PRIOR APPLICATION NUMBER: US 60/325,277;
PRIOR FILING DATE: 2001-09-26;
PRIOR APPLICATION NUMBER: US 60/370,620;
PRIOR FILING DATE: 2002-04-04;
NUMBER OF SEQ ID NOS: 6077;
SEQ ID NO 5770
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                                                                                                                             ; ORGANISM: Zea mays
US-10-260-238-5770
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APPLICANT: Kovalic, David K.
APPLICANT: Chou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REPERENCE: 38-21(5322)B
CURRENT FILING DATE: 003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 95740
LENGTH: 1142
TYPE: DNA
ORGANISM: Zea mays
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Best Local Similarity 95.0
                                                                          Query Match
Best Local (
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Publication No. US20040214272A1
GENERAL INFORMATION:
                                                         Matches
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APPLICANT:
APPLICANT:
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APPLICANT: Moughamer, Todd G.
APPLICANT: Briggs, Steven P.
APPLICANT: Cooper, Bret
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                                                                                                                                                                 TYPE: DNA
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                                                     ch 84.8%; 1 Similarity 90.5%; 19; Conservative
CTGCAGCCCCGCCTCCTTCTC 21
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Provart, has
Tanke, Darrell
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Stephen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Nicholas
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95.0%;
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                                                                    Score 17.8; DB 16;
Pred. No. 3.5e+02;
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Pred. No. 1.3e+02;
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                                                                                       Length 162;
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RESULT 4
US-10-437-963-39436/c
US-10-437-963-39436, Application US/10437963
; Publication No. US20040123343A1
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GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
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TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53221)8
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 39436
LENGTH: 235
                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 4246
LENGTH: 333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4246, Application US/10437963
Publication No. US20040123343A1
                                                               Matches
                                                                                              Query Match
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                             TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 388-21 (53221) B CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: La Rosa, Thomas
APPLICANT: Kovalic, David
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                                                                                                                                                               ORGANISM: Oryza sativa FEATURE:
                                                                                                                                                                                               TYPE: DNA
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OTHER INFORMATION: Clone ID: PAT_MRT4530_42977C.1
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                                                           Local Similarity nes 19; Conserv
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mes 19; Conserv
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Cao, Yongwei
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Li, Ping
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                                                                 Conservative
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                                                                              84.8%;
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                                                                              Score 17.8;
Pred. No. 3
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Pred. No. 3.
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                                                                 Mismatches
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                                                                              3e+02;
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                                                                                               DB 17;
                                                                                               Length 333;
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                                                                                             US-10-282-122A-14967/c
                                                                                                                 RESULT 8
                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-957-997-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Clone ID: SORBI-28MAY03-CLUS29634_1
US-10-767-701-9673
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SEQ ID NO 9673

LENGTH: 907
                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/09957997
Patent No. US20020150915A1
GENERAL INFORMATION:
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APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
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Publication No. US20040172684A1
                               Sequence 14967, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
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Best Local Similarity
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CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Berkenstam, Anders
APPLICANT: Bertilsson, Gran
APPLICANT: Blomquist, Patrik
TITLE OF INVENTION: PROMOTER SEQUENCES
FILE REFERENCE: 13425-046001
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Sorghum bicolor
FEATURE:
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mes 19; Conserv
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Pred. No. 2.4e
0; Mismatches
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Pred. No. 2
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; TYPE: DNA
; ORGANISM: Bordetella pertussis
US-10-282-122A-14967
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PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR PELICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/267,636
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
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PRIOR FILING DATE: 2000-05-23
PRIOR PELICATION NUMBER: 60/207,727
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR APPLICATION NUMBER: 60/230,347
PRIOR PILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-09-09
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NUMBER OF SEQ ID NOS: 78614
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14967
TAXABLE PATENTIN O 14967
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 4245
LENGTH: 1115
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                              APPLICANT: Barbazuk, Brad

APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

FILE REFERENCE: 38-21(53221)B

CURRENT APPLICATION NUMBER: US/10/437,963

CURRENT FILING DATE: 2003-05-14
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                                                                                                                                                                                                                                                                                      APPLICANT: La Rosa, Thomas J. APPLICANT: Kovalic, David K. APPLICANT: Zhou, Yihua
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                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
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Cao, Yongwei
Wu, Wei
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Yamamoto, Robert
Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Wall, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ohlsen, Kari
Zyskind, Judith
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Pred. No. 2
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APPLICANT: LA ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21 (53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
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                                      US-10-425-115-33839
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APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5313)B
CURRENT APPLICATION UNMERR: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 25053
LENGTH: 1286
TYPE: DNA
                                                                                                                            NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 33839
LENGTH: 1294
Query Match
                                                                                                                                                                                                                                                                                                                                                                            Sequence 33839, Application US/10425115 Publication No. US20040214272A1
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Best Local Similarity
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ORGANISM: Oryza sativa
FEATURE:
                                                                       ORGANISM: Zea mays FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Clone ID: PAT_MRT4530_11146C.1
                                                    OTHER INFORMATION: Clone ID: MRT4577_130869C.1
                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Clone ID: LIB3689-241-G6_FLI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Zea mays
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          156
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90.5%;
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 84.8%;
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Pred. No. 2.3e+02;
0; Mismatches 2
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Pred. No. 2.3e+02;
 Score 17.8;
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                                                                                                                                                                                                                                                               and Other Molecules Associated
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 DB 18;
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Length 1294;
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                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 1345
                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/10146575
publication No. US20030059800A1
GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
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LENGTH: 1345
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TITLE OF INVENTION: POLYMORPHISMS
FILE REFERENCE: 52459-20021.00
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT FILLING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: UK 0021286.0
PRIOR FILING DATE: 2000-08-30
                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SEQUENOM, Inc.
APPLICANT: Risinger, Carl
APPLICANT: Andersson, Maria
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                         FEATURE:
NAME/KEY: Other
LOCATION: (0)...(0)
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ORGANISM: Homo sapiens
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Pred. No. 2.3e+02;
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Pred. No. 2.3e+02
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APPLICANT: La Rosa, Thomas J.

APPLICANT: Kovalic, David K.

APPLICANT: Zhou, Yihua

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants

FILE REFERENCE: 38-21(5322)B

CURRENT APPLICATION NUMBER: US/10/425,115

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 369326

SEQ ID NO 20894

LENGTH: 1471

TYPE: DNA

ORGANISM: Zea mays

FEATURE: TANDONNERS: 2003-04-28
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APPLICANT: Hall, Jeff
APPLICANT: Hetros, William
APPLICANT: Petros, William
APPLICANT: Petros, William
APPLICANT: Colvin, Oliver
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR APPLICATION DATE: 1998-08-31
PRIOR APPLICATION DATE: 1998-08-31
PRIOR APPLICATION DATE: 1998-08-31
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-425-115-20894/c ; Sequence 20894, Application US/10425115 ; Publication No. US20040214272A1
Search completed: January 26, 2005, 18:15:54
Job time : 149.867 secs
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-612-3
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US-10-085-612-3
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Best Local Similarity 90.5%;
Matches 19; Conservative
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Local Similarity 90.5%; Pred. No. 2.:
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Pred. No. 2.2e+02;
0; Mismatches 2; Indels 0;
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Maximum Match 100%
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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                  US-09-372-339-2
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US-09-023-655-1062
US-09-583-447A-1
US-09-583-447A-40
US-09-583-447A-39
US-09-583-447A-39
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762 004	702 GCT 679 TCT	642 ATG 620 ATG	582 TAG 560 TAA	522 TGTG 502 TATG	462 CCC 111 442 CCC	402 GGA 382 GGA	h Sim:	SULT 1 -09-372-339-2 Sequence 2, Applicate Patent No. 6174684 GENERAL INFORMATION: APPLICANT: Rebbeck, APPLICANT: Felix, CITILE OF INVENTION: FILE REFERENCE: PREVIOUS CURRENT APPLICATION CURRENT FILING DATE EARLIER APPLICATION CURRENT FILING DATE EARLIER FILING DATE EARLIER FILING DATE EARLIER FILING DATE EARLIER FILING DATE LENGTH: 1345 LENGTH: 1345 TYPE: DNA ORGANISM: Homo sap-09-372-339-2		40 38.4 38	42.2 40.8 40.8	4444	44.2	44.0	45.6	
ATTIC ATTIC	GGGCTTGCAAC GGGTTTGGAAC	ATGGTTACATCTG? ATGGTTACATCTG?	AGAGGAAATAC AGAGGAAAGAC	TGTGCCCTTGAGGAACTCAC TATGCCCTTGAGGAGCTCAC	CCCACCATGTGTACAGTAC	GGATGACACAGGGG	3 larity 7 Conservati			.2 .1 .0 7864	3.4 551 3.3 57 3.3 107820 3.2 289		.5 131	.6 1165	.67 23	.7 20200
つりにしよせいななななな	GATGTGTAGG GATGTGTAGG	IGTGAGGAGGT GTGAGGAGTT	GACAATAGGA GACAATAGGA	ACTCACCTCT AGCTCACCTCT	AGTACCCTGC	3GGCCCAGCAA 1GGCCCAGCAA	9 %	ion US/09372339 Timothy Trimothy CYP3A4 NFSE Varian N-0655 NUMMER: US/09/372, 1999-08-10 NUMMER: 60/096,586 1998-08-14 S: 6 1998-08-14 S: 6 Ver. 2.0	AL	കധധ	שבשש	<u> </u>	۱۵۰	4.4.	4 US-	4 US-09
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запесатттсаветаттсте	CAAGTACACTCCAGGC 	TAATAGAAGGGGTCTGTC TAAGAGAA-GGCTCTGTC	GGAGGCACCCAGAGGA 	CAGGCACAGAAACCCACAAGGGTGG	GAAAGTAAATAATACC GACAGGGAATAAGACT	ATTTC	Length 1345; Indels 74; G	of Use Therefor		Sequence 1 Sequence 2 Sequence 3	Sequence 3 Sequence 9 Sequence 1 Sequence 1	Sequence 1 Sequence 2 Sequence 2 Sequence 2	Sequence 1	Sequence 3 Sequence 3	Sequence 1 Sequence 3	Sequence 3
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GENERAL INCOGNATION:
APPLICANT: Lichter, Jay
APPLICANT: Lichter, Jay
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
FILE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEG-12F
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ FOR WINDOWS VERSION 3.0
SEQ ID NO 3
LENGTH: 1345
TYPE: DNA
ORGANISM: H. Sapiens
FEATURE:
NAME/KEY: Other
LOCATION: (0)...(0)
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                                                                                 Score 498.8; DB 4;
Pred. No. 6.2e-158;
1; Mismatches 128;
                                                                                    Indels
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Sequence 1, Application US/09372339
Patent NO. 6174684
GENERAL INFORMATION:
APPLICANT: Rebbeck, Timothy
APPLICANT: Felix, Carolyn
TITLE OF INVENTION: CYPBA4 NFSE Variant and Me
FILE REFERENCE: PENN-0695
CURRENT APPLICATION NUMBER: US/09/372,339
CURRENT FILING DATE: 1999-08-11
PARLIER APPLICATION NUMBER: 60/96,586
EARLIER FILING DATE: 1998-08-14
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; SOFTWARE: PatentIn Ver: 2
; SEQ ID NO 1
; SEQ ID NO 1
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; TYPE: DNA
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Pred. No. 1.6e-157;
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; LIBRARY: GENBANK
; CLONE: g181345
US-09-023-655-1060
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US-09-023-655-1060
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NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEPHONE: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1060:
SEQUENCE CHARACTERISTICS:
LENGTH: 1707 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10
Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ETITUR DATE: HEREWITH
                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                 Matches 148;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cocks, Benjamin G.
APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
APPLICANT: INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE.
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
TANTE PHARMACEUTICALS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 3174 PORTER DRIVE CITY: PALO ALTO STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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5. 6607879
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                                                                                                        GGAGACAGTTGAAGAAGGCAAGTGGCGATGGACCTCATCCCAAATTTGGCGGTGGAAACC
                                 rescricterescricterescricterererer 1254
                                                                       GAACACAGTTGAAGAAGGAAAGTGGCGATGGACCTCATCCCAAATTTGGCGGTGGAAACC
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                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                            single
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Pred. No. 4.2e-37;
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RESULT 5 US-09-023-655-1405 ; Sequence 1405, Application US/09023655

Patent No.

6607879

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US-09-023-655-1405
                                                                                       Sequence 1062, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 10.2%;
Best Local Similarity 94.3%;
Matches 133; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023,655
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION: APPLICANT: Cocks,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (650) 845-4166 INFORMATION FOR SEQ ID NO:
                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS,
                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
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             COCKS, Benjamin G.
Susan G. Stuart
Jeffrey J. Seilhamer
VENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
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EXPRESSION
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Pred. No. 1.9e-32;
O; Mismatches 8;
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US-09-023-655-1062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1062:
               APPLICANT: WOJNOWSKI, Leszek
APPLICANT: GELLNER, Klaus
APPLICANT: GELLNER, Klaus
APPLICANT: EISELT, Regina
TITLE OF INVENTION: IDENTIFICATION OF A NEW MEMBER OF THE CYTOCHROME P450
TITLE OF INVENTION: (CYP3A) GENE FAMILY: CYP3AX
FILE REFERENCE: 310115.401
CURRENT APPLICATION NUMBER: US/09/583,447A
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                               Sequence 1, Application US/09583447A Patent No. 6645745 GENERAL INFORMATION:
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Best Local Similarity 85.1%;
Matches 137; Conservative
LENGTH: 1659
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LIBRARY: GENBANK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 2059 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: PALO ALTO
STATE: CALIFORNI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                           1214 ACCTGGCTTCTCCTGGCTGTCAGCCTGGTGCTCCTCTATCT 1254
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Pred. No. 1.8e-30;
0; Mismatches 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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; OTHER INFORMATION: Human CYP3A4 cDNA reference sequence
US-09-144-367-1
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US-09-144-367-1
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                                                                         RESULT 9
US-09-583-447A-41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Gido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
GENERAL INFORMATION:
APPLICANT: WOJNOWSKI,
APPLICANT: GELLNER, 1
                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 114; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 58
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 1
LENGTH: 2759
                                          Sequence 41, Application US/09583447A Patent No. 6645745
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09144367 Patent No. 6432639
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Matches 133;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: CDS
LOCATION: (105)..(1616)
                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo
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                                                                                                                                                                      1242 TECTCCTCTATCT 1254
                                                                                                                                                                                                                                                                                          1122 CAAACAACAGCACACAGCTGAAAGTAAGACTCAGAGGGAGACAGTTGAAGAAGGCAAGTGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1140 TGAAAGTAAGACTCAGAGGAGACAGTTGAAGAAGGCAAGTGGCGATGGACCTCATCCCAA 1199
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                                                                                                                                         TECTCCTCTATCT 140
 GELLNER, Klaus
                                                                                                                                                                                                                                                                                                                                Conservative
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85.7%;
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76.0%;
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Pred. No. 1.5e-25;
0; Mismatches 42
                                                                                                                                                                                                                                                                                                                              Score 102.6; DB . Pred. No. 1.3e-23 0; Mismatches 1:
                                                                                                                                                                                                                                                                                                                                                           DB 4; Length 2759;
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US-09-583-447A-39
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US-09-583-447A-40
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            GENERAL INFORMATION:

APPLICANT: WOLLNER, Klaus
APPLICANT: GELLER, Klaus
APPLICANT: EISELT, Regina
TITLE OF INVENTION: (CYP3A) GENE FAMILY:
FILE REFERENCE: 310115.401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: WOJNOWSKI, Leszek
APPLICANT: GELLNER, Klaus
APPLICANT: BISELT, Regina
TITLE OF INVENTION: IDENTIFICATION OF A NEW MEMBER OF
TITLE OF INVENTION: (CY93A) GENE FAMILY: CYP3AX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: IDENTIFICATION OF A NEW MEMBER OF TITLE OF INVENTION: (CYP3A) GENE FAMILY: CYP3AX FILE REFERENCE: 310115.401
CURRENT APPLICATION NUMBER: US/09/583,447A
CURRENT FILING DATE: 2000-05-30
NUMBER OF EGG ID NOS: 45
SOPTWARE: PATENTIN VET. 2.1
SEQ ID NO 41
SEQ ID NO 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 40
LENGTH: 106
TYPE: DNA
                                                                                                                                                 Sequence 39, Application US/09583447A Patent No. 6645745
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CURRENT APPLICATION NUMBER: US/09/583,447A
CURRENT FILING DATE: 2000-05-30
CURRENT APPLICATION NUMBER: US/09/583,447A
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ORGANISM: Homo sapiens
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nes 89; Conservative
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Pred. No. 1.4e-16;
0; Mismatches 17
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Pred. No. 4.7e-20
                                                        A NEW MEMBER OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 4;
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; IMMEDIATE SOURCE:
; CLONE: pTZgpt-F1s
US-08-232-463-14
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US-08-232-463-14/c
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NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn Ver.
SEQ ID NO 39
 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 5670367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                          TELEX: 899149
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                     CLASSIPICATION: 435
CLASSIPICATION: 435
PRIOR APPLICATION NUMBER: US/07/935
APPLICATION NUMBER: US/07/935
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 39.768
REFERENCE/DOCKET NUMBER: 3047:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 106
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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ADDRESSEE: Foley & Lardner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
                                                                                                                                                                                                            TELEPHONE: (703/683-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 83.0%;
                                                                                                       TOPOLOGY:
                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
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                                                                                                                                                      7218 base pairs
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                                                                                                                      single
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 5.8%;
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Score 72.
Pred. No.
                                                                                                                                                                                                                                                                              30472/114 IMMU
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72.6; DB 1;
No. 3.7e-13;
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                 Length 7218;
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                    OPERATING SYSTEM: Dos 5.0
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/277,031B
FILING DATE: 19-JULY-1994
CLASSIFICATION: 435
                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Kaneko, Hideo
APPLICANT: Nakatsuka, Iw
                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                  APPLICATION NUMBER: JP-201120/1993
APPLICATION NUMBER: JP-180246/1993
APPLICATION NUMBER: JP-208279/1993
FILING DATE: 20-07-1993
FILING DATE: 21-07-1993
FILING DATE: 30-07-1993
                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Birch, Stewart, Kolasch & Birch
STREET: P.O. Box 747
CITY: Falls Church
NAME: Raymond C. Stewart REGISTRATION NUMBER: 21, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                         COMPUTER:
                                                                                                                                                                                                                                                                                                                                        ZIP: 22040-0747
                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                849 CAGGTGAGAGGATAT 863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   549 AAGGGAAACAGGCACAGAAACCCACAAGGGTGGTAGAGAGGAAATAGGACAATAGGACTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  609 TGTGAGGGGGATAGGAGGCACCCAGAGGAGGAAATGGTTACATCTGTGTGAGGAGGTTGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 489 GGTCCAGGGTCATGAAAGTAAATAATACCAGACTGTGCCCCTTGAGGAACTCACCTCTGCT 548
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/08277031B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TAAGGAAAGACTTTAATAGAAGGGGTCTGTCTGGCTTGGGCTTGCAAGGATGTGTAGGAGT 728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TGTGGCTTGTGGGGATGGATTTCAAGTATTCTGGAATGAAGACAGCCATGGAAACAAGGG 848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CATCTAGGGGGCACAAGTACACTCCAGGCAGAGGGAATTGCATGGGTAAAGATCTGCAGT 788
                                                                                                                                                                                                                                                                                                                                                                         Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Hayashi, Koj.
Sakaki, Toshiyuki
Sakaki, Yoshiyasu
                                                                                                                                                                                                                                                                                                                                                            USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Komai, Koichiro
                                                                                                                                                                                                                                                                                         IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           METHOD FOR SAFETY EVALUATION OF CHEMICAL COMPOUND USING RECOMBINANT YEAST EXPRESSING HUMAN CYTOCHROME P450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    240;
                                                                                                                                                                                                                                                                                                         3.5inch, 1.44MB
     20-3530P
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TELECOMMUNICATION INFORMATION: TELEPHONE: 703-205-8000

TELEFAX: 703-205-8050

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US-09-172-108-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-583-447A-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-583-447A-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 14
                                              Sequence 12, Application US/09172108
Patent No. 6160104
GENERAL INFORMATION:
APPLICANT: Cunnisham, Mary Jane
APPLICANT: Zweiger, Gary B.
APPLICANT: Panzer, Scott R.
APPLICANT: Seilhamer, Jeffrey J.
TITLE OF INVENTION: MARKERS FOR PEROXISOMAL PROLIFERATORS
FILE REFERENCE: PA-0012 US
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 42
LENGTH: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          patent No. 6645745
Patent No. 6645745
PARTERIAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/583,447A
CURRENT FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 45
SOFTMARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GELLNER, Klaus
APPLICANT: BISELT, Regina
TITLE OF INVENTION: IDENTIFICATION OF A NEW MEMBER OF THE CYTOCHROME P450 3A
TITLE OF INVENTION: (CYPJA) GENE FAMILY: CYPJAX
FILE REFERENCE: 310115.401
               CURRENT APPLICATION NUMBER: US/09/172,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
TUMBER OF SEQ ID NOS: 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: WOJNOWSKI, Leszek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 1512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / Match 4.9%;
Local Similarity 91.5%;
les 65; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                           1141 GAAAGTAAGACTCAGAGGAGACAGTTGAAGAAGGCAAGTGGCGATG 1186
                                                                                                                                                                                                                                                                                                                                                                                               1081 ACTGCTGTGCAGGGCAGGGATGCTCCAGGCAGACAGCCCAGCAAACAACAGCACAGCT 1140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1184 ATGGACCTCATCCCAAATTTGGCGGTGGAAACCTGGCTTCTCCTGGCTGTCAGCCTGGTG 1243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1244 CTCCTCTATCT 1254
                                                                                                                                                                                                                                                                                         61
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                                                                                                                                                                                                                                                                                                                                                               ATGGCTCTCATCCCAGACTTGGCCATGGAAACCTGGCTTCTCCTGGCTGTCAGCCTGGTG 60
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73.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 61.4; DB 4;
Pred. No. 7.3e-10;
0; Mismatches 6;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 1512;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PERL Program
SEQ ID NO 12
LENGTH: 243
                                                                                                                                                                Query Match 4.1%;
Best Local Similarity 69.7%;
Matches 83; Conservative (
                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: 3
OTHER INFORMATION: a or g or c or t, unknown, or other
FEATURE:
                                                                                                                    1134 CACAGCTGAAAGTAAGACTCAGAGGAGACAGTTGAAGA-AGGCAAGTGGCGATGGACCTC 1192
                                       1193 ATCCCAAATTTGGCGGTGGAAACCTGGCTTCTCCTGGCTGTCAGCCTGGTGCTCCTCTA 1251
                                                                                 35 CCCAGCTAGAGGGACAACACAGAGGAGTAATTTGCTGACAGACCTGCAGGGATGGACCTG 94
95 CTTTCAGCTCTCACACTGGAAACCTGGGTCCTCCTGGCAGTCGTCCTGGTGCTCCTCTA 153
                                                                                                                                                                    0
                                                                                                                                                                  Score 51; DB 3;
Pred. No. 6.3e-07;
0; Mismatches 35
                                                                                                                                                                                                            Length 243
                                                                                                                                                                       Indels
                                                                                                                                                                  1;
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Search completed: January 26, 2005, 18:17:41 Job time: 106.779 secs

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Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database
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Gapop 10.0 , Gapext 1.0
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1254
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11:
12:
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: /cgn2_6/ptcdata/1/pubpna/USO7_PUBCOMB.Beq:*
: /cgn2_6/ptcdata/1/pubpna/PCT_NEW_PUB.Beq:*
: /cgn2_6/ptcdata/1/pubpna/USO6_PUBCOMB.Beq:*
: /cgn2_6/ptcdata/1/pubpna/USO6_PUBCOMB.Beq:*
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: /cgn2_6/ptcdata/1/pubpna/USO8_PUBCOMB.Beq:*
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: /cgn2_6/ptcdata/1/pubpna/USO8_PUBCOMB.Beq:*
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Copyright (c) 1993 - 2005 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

,	a									ი			Result No.
	12	11	10	9	œ	7	6	v	4	w	N	-	No.
	222.8	253.4	387.2	396.4	434.6	457.2	498.4	498.8	498.8	567.4	664	1252.4	Score
	17.8	20.2	30.9	31.6	34.7	36.5	39.7	39.8	39.8	45.2	53.0	99.9	Query
	8943	8943	1012	11186	15185	13035	1345	1345	1345	8776	8776	1254	Query Match Length
	16	16	ø	ø	15	15	10	14	14	16	16	14	DB BG
	US-10-257-166-48	US-10-257-166-47	US-09-957-997-4	US-09-957-997-1	US-10-121-960C-17	US-10-121-960C-14	US-09-943-115A-1	US-10-085-612-3	US-10-146-575-3	US-10-257-166-150	US-10-257-166-149	US-10-085-612-4	ID
		Sequence 47, Appl	Sequence 4, Appli	Sequence 1, Appli	Sequence 17, Appl	Sequence 14, Appl	Sequence 1, Appli	Sequence 3, Appli	Sequence 3, Appli	Sequence 150, App	Sequence 149, App	Sequence 4, Appli	Description

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	44	43	42	41	40	39	38	37	36	ω 5	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13
66.4	6	70.2	70.2	71.2	71.4	71.4	72.8	72.8	72.8	72.8		72.8	77.2	78.8	89	•	•		•	103.8	107.6	107.8	122.6	123.8	126.6	128.2	135.6	135.6	135.6	141	142	142
5 L				5.7	5.7									6.3	•	7.6	7.7	7.7	8.2	8 	8.6	B.6	9.8	9.9		10.2	10.8	10.8	10.8	11.2	11.3	11.3
322	209	404	207	399	442	347	430	422	418	411	380	240	106	106	105	2011	489	489	2759	2849	1915	1659	2059	1595	1525	1599	2768	2768	2768	384	1707	1707
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US-09-960-352-6312	-960-352	-960-352-	-960	US-09-960-352-8257	US-09-960-352-1762	US-09-960-352-3467	US-09-960-352-8232	-960-352	US-09-960-352-4657	US-09-960-352-4176	US-09-960-352-15107	US-09-960-352-15077	US-10-007-814-39	US-10-007-814-40	US-10-007-814-41	US-09-880-107-1586	US-10-027-632-277590	US-10-027-632-277590	US-10-146-575-1	US-09-880-107-2110	US-10-112-944-188	US-10-007-814-1	US-10-641-643-1062	US-10-106-698-1724	US-09-880-107-3816	US-10-641-643-1405	US-10-388-360-363	US-10-388-360-297	US-10-268-822-14	US-09-925-297-24	US-10-641-643-1060	US-09-880-107-2114
6312,	e 9181.	e 7510,	9871,	8257,	Φ	e 3467,	8232,	e 6070,	4657,	4176,		1507	39,	40,	Sequence 41, Appl	1586	Sequence 277590,		Sequence 1, Appli		Sequence 188, App	1, Api	10	e 1724,	3816,	Sequence 1405, Ap	36	29	Ф	24,	Sequence 1060, Ap	Sequence 2114, Ap

ALIGNMENTS

RESULT 1 US-10-085-612-4

60	ACAAT	TCAAA	ACAAA	GATCI	TCTCC	TATT	GGCACACAAAGAGACATTGCATGTTCTCACTTATTTGTGGGATCTACAAATCAAAACAAT 60	AGACATTGO	GCACACAAAG	1	닭
60	ACAAT	TCAAA	ACAAA	GATCI		TAT	1 GGCACACAAAGAGACATTGCATGTTCTCACTTATTTGTGGGATCTACAAATCAAAACAAT	AGACATTGO	GCACACAAAG		S
0,	Gaps	0;)18	Indels	1,	168	Pred. No. 0; 0; Mismatches	98	milarity 99. Conservative	Best Local Similarity Matches 1253; Conserv	
		DB 14; Length 1254;	ngth	; Le	DB 14	•-	Score 1252.4;	99.9%;		Query Match	
									1	US-10-085-612-4	S
								60	omo sapien	ORGANISM: Homo sapiens	
									4	LENGTH: 1254	٠.
										SEQ ID NO 4	٠.
		٠						sion 3.0	tentIn ver	SOFTWARE: PatentIn version 3.0	٠.
								6	Q ID NOS:	NUMBER OF SEQ ID NOS: 6	٠.
								1-02-26	DATE: 200	PRIOR FILING DATE: 2001-02-26	٠.
							1,630	ER: 60/27	ATION NUMB	PRIOR APPLICATION NUMBER: 60/271,630	٠.
								8-08-31	DATE: 199	PRIOR FILING DATE: 1998-08-31	٠.
							4,367	ER: 09/14	ATION NUMB	PRIOR APPLICATION NUMBER: 09/144,367	٠.
							ō	2002-02-2	NG DATE:	CURRENT FILING DATE: 2002-02-26	٠.
							10/085,612	MBER: US/	ICATION NU	CURRENT APPLICATION NUMBER: US/10/085,612	٠.
								τ Ω	CE: 4389-5	FILE REFERENCE: 4389-5-C1	٠.
						''	ns Therefor	ompositic	ENTION: C	TITLE OF INVENTION: Compositions Therefor	٠.
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals	ze Pha	aboli	O Met	ity t	Abi1	y the	Evaluating	thods for	ENTION: Me	TITLE OF INV.	٠.
								frey	Marks, Jeffrey	APPLICANT:	•:
								iver	Colvin, Oliver	APPLICANT:	٠.
								h, James	Vredenburgh, James	APPLICANT:	٠.
								lliam	Petros, William	APPLICANT:	٠.
									Hall, Jeff	APPLICANT:	٠.
								0	uida, Marc	APPLICANT: Guida, Marco	٠.
									MATION:	GENERAL INFORMATION:	
								096251A1	o. US20030	Publication No. US20030096251A1	٠.
							612	US/10085	pplication	Sequence 4, A	٠.
										E-710-COO-01-CO	ç

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                                 CTGCAGCTGCAGCCCCGCCTCCTTCTCCAGCACATAAACATTTCAGCAGCTTGACCTAAG
                                                                      CCATAGAATATGAACTCAAAGGAGGTAAGCAAAGGGGTGTGTGCGATTCTTTGCTACTGG
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CURRENT APPLICATION NUMBER: US/10/257,166
CURRENT FILING DATE: 2002-10-07
FRIOR APPLICATION NUMBER: PCT/EP01/07470
DE 10032529.7
DE 10043826.1
PRIOR FILING DATE: 2001-06-29
2000-06-30
2000-09-01
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 149
SEQ ID NO 149
LENGTH: 8776
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US-10-257-166-149
US-10-257-166-149

(Sequence 149, Application US/10257166

; Publication No. US20040023230A1

; GENERAL INFORMATION:
    GAPPLICANT: DIEK, Alexander

; APPLICANT: PIEDENBROCK, Christian
; APPLICANT: BERLIN, Kurt
; TITLE OF INVENTION: Method and Nucleic Acids for Analysing the Methylation of
; TITLE OF INVENTION: Genes Implicated in Pharmacogenomics
; FILE REFERENCE: 5013.1011
; FILE REFERENCE: 5013.1011
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Local Similarity 73.4%;
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                GCAACCATTAGTCTATTGCTATCACCACAGACTCAGAGGGGATGACACACAGGGGGCCCAG
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RESULT 3
US-10-257-166-150/c
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Publication No. US20040023230A1
GENERAL INFORMATION:
                                               APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Method and Nucleic Acids for Analysing the Methylation
TITLE OF INVENTION: Genes Implicated in Pharmacogenomics
FILE REFERENCE: 5013.1011
CURRENT APPLICATION NUMBER: US/10/257,166
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: PCT/EP01/07470
DE 10032529.7
DE 10033826.1
                                        PRIOR FILING DATE: 2001-06-29
  NUMBER
               2000-06-30
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; TYPE: DNA .
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA US-10-257-166-150
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 GATAAGAACTCAGGTTCCGTGGACTCCCTGATAAAACTGATTAAGTTGTTTATGATTCCC
                                                    ACAAGGGCAGGTGAGAGGATATTTAAGAGGCTTCATGCCAATGGCTCCACTTCAGTTTCT
                                                                                TAGGAGTCATCTAGGGGGCACAAGTACACTCCAGGCAGAGGGAATTGCATGGGTAAAGAT
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Pred. No. 6.2e-175;
0; Mismatches 381;
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GENERAL INFORMATION:

APPLICANT: LICHTEY, Jay
APPLICANT: LICHTEY, Jay
APPLICANT: LICHTEY, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 1345
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US-10-146-575-3
; Sequence 3, Application US/10146575
; Publication US20030059800A1
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Best Local Similarity
Matches 709; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORCANISM: H. sapiens
FEATURE:
NAME/KEY: Other
LOCATION: (0)...(0)
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   GCTGGGCTTGCAAGGATGTGTAGGAGTCATCTAGGGGGCACAAGTACACTCCAGGCAGAG
                                                      TAAAGAGGAAAGAGGACAATAGGATTGCATGAAGGGGATGGAAAGTGCCCAGGGGAGGAA
                                                                                                                         TATGCCCTTGAGGAGCTCACCTCTGTTCAGGGAAACAGGCGTGGAAA--CACAATGGTGG
                                                                                                                                                                                            TGTGCCCTTGAGGAACTCACCTCTGCTAAGGGAAACAGGCACAGAAACCCACAAGGGTGG
                                                                                                                                                                                                                                         CCCACTGTGTACAGCACCCTGGTAGGGACCAGAGCCATGACAGGGAATAAGACTAGAC
                                                                                                                                                                                                                                                              CCCACCATGTGTACAGTACCCTGCTAGGGTCCAGGGTCATGAAAGTAAATAATACCAGAC
                                                                                                                                                                                                                                                                                                          GATGCATAGCAGAGGCCCAGCAATCTCAGCTAAGTCAACTCCACCAGCCTTTCTAGTTG
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                                                                                             APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Petros, William
APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Compositions Therefor
FILE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-Cl
CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
FRIOR APPLICATION NUMBER: 60/271,630
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 1908-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 1908-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 1908-08-31
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 3.145
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US-10-085-612-3
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Publication No. US20030096251A1
                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
Query Match
                                                 LENGTH: 1345
TYPE: DNA
ORGANISM: Homo
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                                                   sapiens
   39.8%;
   Score
   498.8;
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                                                                                                                                                                                                                                                                                            Ability to Metabolize Pharmaceuticals
   14;
   Length 1345;
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1266 1242 1206 1182 1146 1122 1086 1026 1011

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906 941 846 881 786

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RESULT 6
US-09-943-115A-1
; Sequence 1, Application US/09943115A
; Publication No. US20030017469A1
; GENERAL INFORMATION:
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                                                                                                                            GCTCCTCTATCT 1254
                                                                                                                                                                                                                                              AAACAACAGCACACAGCTGAAAGTAAGACTCAGAGGAGACAGTTGAAGAAGAAGGCAAGTGGC
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1; Mismatches 128;
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APPLICANT: Risinger, Carl
APPLICANT: Andersson, Maria
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
APPLICANT: Olaisson, Erik
TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYF
TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYF
TITLE OF INVENTION: DOLYMORPHISMS
FILE REFERENCE: 52459-20021.00
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT APPLICATION NUMBER: UK 0021286.0
PRIOR APPLICATION NUMBER: UK 0021286.0
PRIOR APPLICATION NUMBER: UK 0021286.0
PRIOR FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 1345
TYPE: DNA
ORGANISM: Homo sapiens
US-09-943-115A-1
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   CAGCAGCTTGACCTAA-GACTGCTGTGCAGGGCAGGGATGCTCCAGGCAGACAGCCCAGC
                                                  -----TGCTACTGGCTGCAGCTGCAGCCCCGCCTCCTTCTCCAGCACATAAACATTT
                                                                                           ATGGCTCCACTTGAGTTTCTGATAAGAACCCAGAACCCTTGGACTCCCCAGTAACATTGA
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Pred. No. 1.1e-152;
2; Mismatches 128;
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APPLICANT: ZHANG, Weisheng
APPLICANT: CONTAG, Pamela
APPLICANT: PURCHIO, Anthony
APPLICANT: HASHIMA, Sandy
APPLICANT: HASHIMA, Sandy
APPLICANT: MANSIMA, Sandy
APPLICANT: MANOTKA, Kevin
APPLICANT: NAWOTKA, Kevin
APPLICANTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH
FITTLE OF INVENTION: CYTOCHROME EXPRESSION
FILE REFERENCE: 9400-0014 / PXE-014.US
CURRENT APPLICATION UNUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 19
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US-10-121-960C-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 14, Application US/10121960C Publication No. US20030145341A1 GENERAL INFORMATION:
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Best Local Similarity
Matches 665; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 14
LENGTH: 13035
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OTHER INFORMATION: Description of Artificial Sequence: human CYP3A4 gene locus
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AGTACACTCCAGGCAGAGGGAATTGCGTGAGAGATCTGCAGTTGTGGCGGA
                                                   AGAGAA-GGCTCTGTCTGGGTTTGGAAGGATGTGTAGGAGTCTTCTAGGGGGCACA
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                                                                                                                                                                                                                   AGAAACCCACAAGGGTAGAGAGAAGAAATAGGACAATAGGACTGTGTGAGGGGGATAGG 623
                                                                                                                                                                                                                                                     CAGGGAATAAGACTAGACCTTGAGGAGCTCACCTCTGTTCAGGGAAACAGGCGT
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                                                                                                                                                    AGGCACCCAGAGGAAATGGTTACATCTGTGTGAGGAGGTTGGTAAGGAAAGACTTTA
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77.1%;
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ATAAGTAAGGAAAGTAGTGATG 13035
                                                                      TTGAAGAAGGCAAGTGGCGATG 1186
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APPLICANT: CONTAG, Panela
APPLICANT: PURCHIO, Anthony
APPLICANT: PURCHIO, Anthony
APPLICANT: HASHIMA, Sandy
APPLICANT: HASHIMA, Sandy
APPLICANT: MA, Shirley
APPLICANT: MA, Shirley
APPLICANT: NAWOTKA, Kevin
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF MOU
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASS
TITLE OF INVENTION: CYTOCHROME EXPRESSION
FILE REFERENCE: 9400-0014 / PXE-014.US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 19
SOPTWARE: PatentIn Ver. 2.0
SEQ ID NO 17
LENGTH: 15185 ; OTHER INFORMATION: Description of Artificial Sequence: CYP3A4-luc transgene US-10-121-960C-17 US-10-121-960C-17 Sequence 17, Application US/10121960C Publication No. US20030145341A1 GENERAL INFORMATION: APPLICANT: ZHANG, APPLICANT: CONTA APPLICANT: PURCH ORGANISM: Artificial Sequence FEATURE: Weisheng MOUSE AND HUMAN ASSOCIATED WITH

444 CACCAACATTTCTGGTCACCCACCATGTGTACAGTACCCTGCTAGGGTCCAGGGTCATGA

503

12248 443

12308

TCACCAGAAAGTCAGAAGGGATGACATGCAGAGGCCCAGCAATCTCAGCTAAGTCAACTC TCACCACAGACTCAGAGGGGATGACACACAGGGGGCCCAGCAATCTCACCCAAGTCAACTC

Conservative

34.7%;

Score 434.6; DB 15; Pred. No. 4.9e-131; 0; Mismatches 129;

Indels

Gaps

9

Length 15185;

CACCAGCCTTTCTAGTTGCCCACTGTGTGTACAGCACCCTGGTAGGGACCAGAGCCATGA

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Sequence 1, Application US/09957997
Patent NO. US20020150915A1
GENERAL INFORMATION:
APPLICANT: Bertkenstam, Anders
APPLICANT: Bertkenstam, Anders
APPLICANT: Blomquist, Patrik
TITLE OF INVENTION: PROMOTER SEQUENCES
FILE REFERENCE: 13425-046001
CURRENT APPLICATION NUMBER: US/09/957,997
CURRENT TILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/338,895
EARLIER FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FASTESEQ for Windows Version 4.0
SEQ ID NO 1
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   RESULT 10
US-09-57-997-4
; Sequence 4, Application US/09957997
; Patent No. US20020150915A1
; GENERAL INFORMATION:
; APPLICANT: Bertilsson, Gran
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; LENGTH: 11186
; TYPE: DNA
; ORGANISM: HOMO &
US-09-957-997-1
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Best Local Similarity 76.1%;
Matches 615; Conservative
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CAGGCAGACAGCCCAGCAAACAACAGCA 1133
                                                                                                                  GACTGCAGGCAGAGCACGGGGGGCCCTCCTTCT 1046
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GGCACACTCCAG------GCATAGGTAAAGATCTGTAGGCATGGCTTGTTGGGA
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                                                  CCAGCATATAAACAATCCAACAGCCTCACTGAATCACTGCTGTGCAGGGCAGGAAAGCTC
                                                                     GGTCAGTGAGTGGTGTGTGTGATTATTTGCCAACTGCCGAGGTGGAGAAGCCTCTTCC 11038
                                                                                                                                                                                                                 ACTCCCTGATAAAACTGATTAAGTTGTTTATGATTCCCCCATAGAATATGAACTCAAAGGA 983
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Pred. No. 1.6e-118;
0; Mismatches 111;
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CACACACACAGCCCAGCAAACAGCAGCA 11186

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RESULT 11
US-10-257-166-47
Communication Ap
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TITLE OF INVENTION: PROMOTER SEQUENCES
FILE REFERENCE: 13425-046001
CURRENT APPLICATION NUMBER: US/09/957,997
CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILING DATE: 2000-09-22
EARLIER FILING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 1012
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; ORGANISM: Homo
US-09-957-997-4
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Best Local Similarity 79.3%;
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Pred. No. 4.3e-116;
0; Mismatches 113;
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PRIOR APPLICATION NUMBER: PCT/EP01/07470
DE 1003529.7
DE 10043826.1
PRIOR FILING DATE: 2001-06-29
2000-06-30
2000-09-01
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 47
LENGTH: 8943
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GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Method and Nucleic Acids for Analysing the Methylation
TITLE OF INVENTION: Genes Implicated in Pharmacogenomics
FILE REFERENCE: 5013.1011
CURRENT APPLICATION UMBER: US/10/257,166
CURRENT FILING DATE: 2002-10-07
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Best Local Similarity 61.5%;
Matches 571; Conservative
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ORGANISM: Artificial Sequence
FEATURE:
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                  AAGTAAATAATACCAGACTGTGCCCTTGAGGAACTCACCTCTGCTAAGGGAAACAGGCAC
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                                                                                ACTCCCTGATAAAACTGATTAAGTTGTTATGATTCCCCATAGAATATGAACTCAAAGGA
                                                                                                                                                  TTAAGAGGCTTCAIGCCAAIGGCTCCACTTCAGITTCTGATAAGAACTCAGGTTCCGTGG
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GGTTÄGTGÄGTGTGTGTGTGATTATTTGTTAATTGTCGAGGTGGAGAAGTTTTTTTC
                                                               ATTTTTAGTAATATTGATTGAGTTGTGTATGATTTATATAGAATATTAATTTAATGGA
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Pred. No. 1.9e-71;
0; Mismatches 276;
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US-10-257-166-48/c
; Sequence 48, Application US/10257166
; Publication No. US20040023230A1
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US-10-257-166-48
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NUMBER OF SEQ ID NOS: 178
SEQ ID NO 48
LENGTH: 8943
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APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Method and Nucleic Acids for Analysing the Methylation
TITLE OF INVENTION: Genes Implicated in Pharmacogenomics
FILE REFERENCE: 5013.1011
CURRENT APPLICATION NUMBER: US/10/257,166
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: PCT/EP01/07470
DE 10032539.7
DE 10043926.1
                                                                                                                                                                                                                                                                                                                                         Query Match 17.8
Best Local Similarity 58.7
Matches 546; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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GAGGCACCCAGAGGAAAATGGTTACATCTGTGTGAGGAGGTTGGTAAGGAAAGACTTT 682
                                                                                                CAGAAACCCACAAGGGTGGTAGAGAGGAAATAGGACAATAGGACTGTGTGAGGGGGATAG 622
                                                                                                                                                                 ABAGTABATABTACCAGACTGTGCCCTTGAGGABCTCACCTCTGCTBAGGGABACAGGCA 562
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Pred. No. 2.3e-61;
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                                             ATAAAAAAAAAATAATAATAATCTCATCCCAAACTTAACCGTAAAAAACCTAACTTCT
                                                                                                                                                                         GACTCCCTGATAAAACTGATTAAGTTGTTTATGATTCCCCATAGAATATGAACTCAAAGG
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                                                                                                                      CCAGGCAGACAGCCCAGCAAACAACAGCACACAGCTGAAAGTAAGACTCAGAGGAGACAG 1164
                                                                                                                                                                                                AGGTAAGCAAAGGGGTGTGTGCGATTCTTTG------
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CCTAACTATCAACCTAATACTCCTCTATCT
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RESULT 13
US-99-880-107-2114
; Sequence 2114; Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
    APPLICANT: HORORA, Darci T.
    APPLICANT: Vockley, Joseph G.
    APPLICANT: Scherf, Uwe
    APPLICANT: Scherf, Uwe
    APPLICANT: Scherf, Uwe
    APPLICANT: Scherf, Uwe
    TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
    FILE REFERENCE: 44921-5028-W0
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR PILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR APPLICATION NUMBER: US 60/237,054
PRIOR APPLICATION NUMBE
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US-10-641-643-1060
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Matches
                                                                        Matches
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INFORMATION FOR SEQ ID NO: 1060:
SEQUENCE CHARACTERISTICS:
LENGTH: 1707 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1060, Application US/10641643
Publication No. US20040077003A1
GENERAL INFORMATION:
                                                                                                           Query Match
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                                                                                        Local Similarity
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/641,643
FILING DATE: 14-Aug-2003
CLASSIFICATION: <UNKnown>
                                                                                                                                                                                                                                                                                                                                                               NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                 1097 GGGATGCTCCAGGCAGACAGCCCAGCAAACAACAGCACACAGCTGAAAGTAAGACTCAGA 1156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                             CLONE: g181345
SEQUENCE DESCRIPTION: SEQ ID NO: 1060
                                                                                                                                                                                                                      IMMEDIATE SOURCE:
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Susan G. Stuart
Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1217
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STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TGGCTTCTCCTGGCTGTCAGCCTGGTGCTCCTCTATCT 1254
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GGGAAGCTCCAGGCAAACAGCCCAGCAAACAGCAGCACTCAGCTAAAAGGAAGACTCACA
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93.7%;
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                                                                     Score 142; DB 16;
Pred. No. 3.8e-35;
0; Mismatches 10;
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CURRENT APPLICATION NUMBER: US/09/925,297
CURRENT FILING DATE: 2001-08-10
FRIOR APPLICATION NUMBER: PCT/US00/05989
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 928
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 24
LENGTH: 384
Search completed: January 26, 2005, 19:49:30 Job time : 635.441 secs
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US-09-925-297-24
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                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Rosen et al. TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies FILE REFERENCE: PA105
                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (357)
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                                                                                            GGCTTCTCCTGGCTGTCAGCCTGGTGCTCCTCTATCT 1254
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                                                                         GGCTTCTCCTGGCTGTCAGCCTGGTGCTCCTCTATCT
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93.6%;
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Pred. No. 3.4e-35;
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Maximum Match 100%
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Maximum DB
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Match
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51
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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  Copyright
                                                                                                                                                                                                                                                                                                         Length
  GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.
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US-09-372-339-1
US-09-372-339-2
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US-09-252-991A-5073
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US-09-252-991A-5039
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US-08-425-069-1
US-08-317-844B-1
US-08-317-877-13706
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21434, A
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5146, Ap
5003, Ap
5177, Ap
33490, A
5039, Ap
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RESULT 2 US-09-372-339-2 US-09-372-339-2 ; Sequence 2, Application US/09372; Patent No. 6174684 ; GENERAL INFORMATION: APPLICANT: Rebbeck, Timothy APPLICANT: Felix, Carolyn TITLE OF INVENTION: CYP34 NFSE FILE REFERENCE: PENN-0695 ; CURRENT APPLICATION NUMBER: US/ CURRENT TILING DATE: 1999-08-11; CURRENT FILING DATE: 1999-08-14 ; RAPLIER APPLICATION NUMBER: 60/ EARLIER FILING DATE: 198-08-14 ; NUMBER OF SEQ ID NOS: 6 ; SOFTWARE: Patentin Ver. 2.0 ; SEQ ID NO 2 ; LINGTH: 1345 ; TYPE: DNA ; ORGANISM: Homo sapiens	Query Match Beet Local Similarity Matches 43; Conservat Matches 3 TGCTACTGGCTG Qy 3 TGCTACTGGCTG	RESULT 1 US-09-372-339-1 Sequence 1, Application US/0 Patent No. 6174684 GENERAL INFORMATION: APPLICANT: Rebbeck, Timothy APPLICANT: Felix, Carolyn TITLE OF INVENTION: CYPBA4 FILE REFERENCE: PENN-0695 CURRENT PILING DATE: 1999-0 EARLIER APPLICATION NUMBER: CURRENT FILING DATE: 1998-0 MUMBER OF SEQ ID NOS: 6 SOCTWARE: PATENTI NOS: 6 SOCTWARE: PATENT NOS: 6 SOCTWARE: PATENTI NOS: 6 SOCTWARE: PATENT NOS: 6 SOCTWARE: PATENTI NOS: 6 SOCTWARE:	32 23.8 46.7 34 23.8 46.7 35 23.8 46.7 36 23.8 46.7 23.8 46.7 22 37 23.8 46.7 22 38 23.8 46.7 44 40 23.4 45.9 44 45.9 45.9 47.9 48.9 48.9 49.9	23.8 46.7 23.8 46.7 23.8 46.7 23.8 46.7
/09372339 hy 4 NFSE Variant and Methods of R: US/09/372,339 -08-11 R: 60/096,586 -08-14	77.3%; Score 39.4; DB 3; L 87.8%; Pred. No. 0.00039; ive 0; Mismatches 6; CAGCTGCAGCCCCACCTCCTTCTGCAGCA	/09372339 hy 4 NFSE Variant and Methods of R: US/09/372,339 -08-14 .0	5265 4 US-09-556-877-174 5265 4 US-09-520-412C-174 5265 4 US-09-598-419-174 229354 4 US-09-765-400-64 4403765 3 US-09-103-840A-2 411523 3 US-09-103-840A-2 41523 3 US-09-103-840A-2 1535 4 US-09-107-56-55-171 535 4 US-09-072-596-166 535 4 US-09-072-967-171 1989 1 US-08-447-500-5 1989 1 US-08-454-097-5 1989 3 US-08-453-866-5 1989 3 US-08-185-359-5 1989 3 US-08-185-359-5	4444
Use Therefor	ength 1345; Indels 0; Gaps 0; CATAAACA 51 TATAAACA 1083	Use Therefor	sequence 1/4, App sequence 174, App sequence 174, App sequence 64, Appl sequence 64, Appl sequence 2, Appli sequence 171, App sequence 171, App sequence 171, App sequence 5, Appli sequence 5, Appli	Sequence 5118, Ap Sequence 340, App Sequence 340, App Sequence 673, App

US-09-372-339-2

Length 1345;

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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 5146
LENGTH: 873
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APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION UNBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
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US-09-252-991A-5146/c
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US-09-144-367-3
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GENERAL INFORMATION:
                                                                          Matches
                                                                                                            Query Match
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LENGTH: 1345
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                             TYPE: DNA ORGANISM: Pseudomonas aeruginosa
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NAME/KEY: Other
LOCATION: (0)...(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: H. sapiens
                                                                                           Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1035 TGCTACTGGCTGCAGCTCCAGCCCTCCTTCTCTAGCATATAAACA 1083
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 70
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                                                                                           Similarity
                      TTTGCTACTGGCTGCAGCTGCAGCCCCACCTCCTTCTGCAGCACATAAACA
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 TTCGCTCATGGCTGCAGGTGCGGCCGCCAGCTAGCAGCAGCTAGCCA 20
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Pred. No. 0.00039;
0; Mismatches 6;
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Pred. No. 0.00039;
                                                                                       Score 27; DB (
Pred. No. 4.4;
                                                                        Mismatches
                                                                                                          DB 4;
                                                                        15; Indels
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                                                                                                          Length 873
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US-09-513-999C-33490/c
; Sequence 33490, Application US/09513999C
; Patent No. 6783961
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; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-5003
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US-09-252-991A-5177/c
                                                                                                                                                                                   RESULT 7
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APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: AUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5177, Application US/09252991A Patent No. 6551795
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SEQ ID NO 5003
LENGTH: 981
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APPLICANT: MARC J. Rubenfield et al.
APPLICANT: MARC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 5177
LENGTH: 1581
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Patent No. 6551795
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins. Patent No. 6783961
                                                                                                                                                                                                                                                                                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
                                    APPLICANT: Dumas Milne
APPLICANT: Duclert, A.
APPLICANT: Giordano, J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788
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                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                    Local
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Pred. No. 4.5;
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CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26

FILE REFERENCE: 59.US2.REG

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                                                                                                    ; TYPE: DNA; ORGANISM: Pseudomonas aeruginosa US-09-252-991A-5039
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                                                                                                                                                      SEQ ID NO 5039
LENGTH: 1578
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APPLICANT: Marc J.
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5039, Application US/09252991A Patent No. 6551795
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SOFTWARE: Patent.pm
SEQ ID NO 33490
LENGTH: 320
                                Matches
                                                   Best Local Similarity
                                                                 Query Match
                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/252,991A CURRENT FILING DATE: 1999-02-18 PRIOR APPLICATION NUMBER: US 60/074,788 PRIOR FILING DATE: 1998-02-18 PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27
                                                                                                                                                                                                                                                                                                        APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: w=a or t
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: 282
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LOCATION: 205
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OTHER INFORMATION: r=a or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
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OTHER INFORMATION: r=a or g
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                               34; Conservative
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1 TTTGCTACTGGCTGCAGCTGCAGCCCCACCTCCTTCTGCAGCACATA 47
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                                               51.4%;
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                               Pred. No. 9.3;
0; Mismatches
                                                   Score 26.2;
Pred. No. 9
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Pred. No. 6
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                                                                DB 4;
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                                13; Indels
                                                                 Length 1578;
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; ORGANISM: Candida albicans
US-09-248-796A-246
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US-09-248-796A-246
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                                                                                                                                                                               RESULT 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 246, Application US/09248796A
Patent NO. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANE
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR PILING DATE: 1998-02-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
RUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15045
LENGTH: 2292
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 15045, Application US/09270767 Patent No. 6703491
                                                                                                                      Sequence 110, Application Patent No. 6569662
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                                                                                                         GENERAL
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                                                                                                                                                                                                                                                                                                                                             Query Match
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               APPLICANT:
                                                  APPLICANT:
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
                                                                                 APPLICANT: Tang,
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 927
                                                                                                                                                                                                                                                                                                                            Local
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                                                                                                       INFORMATION:
                                                                                                                                                                                                                                  749 TGCCACCGCCACCACCTCCACCTCCACCTCCTGCTGCCCCAAATAA 794
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                                                                                                                                                                                                                                                                                                                        Similarity
             Asundi, Vino
Zhang, Jie
Ren, Feiyan
                                                                       Liu,
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                                                  , Chenghua
ndi, Vinod
                                                                                      Y. Tom
                                                                                                                                                                                                                                                                                                                          49.4%;
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                                                                                                                                           US/09620312D
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Pred. No. 18;
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Pred. No. 19;
                                                                                                                                                                                                                                                                                                           Mismatches
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Qing A.

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; ORGANISM: Nephila clavipes
US-09-490-291-7
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US-09-490-291-7/c
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; LOCATION: (1)...(6674)
; OTHER INFORMATION: n = a,t,c or g
US-09-620-312D-110
                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                           SEQ ID NO 7
LENGTH: 1588
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09490291 Patent No. 6620917 GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 110
LENGTH: 6674
                                                                      Matches
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APPLICANT: Arcidiacono, Steven
TITLE OF INVENTION: No. 6620917el Purification and Fiber Spinning Techniques
TITLE OF INVENTION: Protein Fibers
FILE REFERENCE: ARMY-03665
CURRENT APPLICATION NUMBER: US/09/490,291
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0
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TITLE OP INVENTION: No. 6593662el Nucleic Acids and
TITLE OP INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR FILING DATE: 2000-04-25
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NAME/KEY: CDS
LOCATION: (1312)..(6330)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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                    11 GCTGCAGCTGCAGCCCCACCTTCTGCAGCACAT 46
                                                                      29;
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GCTGCAGCGGCTGCTCCAGCTCCTTGTCCAGCACCT 1086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GCGTCTGGCTGCTGCTGCCCGCCCCTTCTGCTCCAC 1368
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Wang, Dunrui
Wang, Zhiwei
John Tillinghast
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Xue, Aidong J
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                                                                    Conservative
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Ping
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                                                                                 48.6%;
                                                                  Score 24.8; D
Pred. No. 27;
0; Mismatches
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Pred. No. 33;
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PAGES: 7120-7124

DATE: Sept.-1990
RELEVANT RESIDUES IN SEQ ID
US-08-425-069-1
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                                                                  Matches
                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                       PEATURE:
NAME/KEY: CDS
LOCATION: 1..2154
OTHER INFORMATION: /pro
OTHER INFORMATION: drag
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: line
MOLECULE TYPE: c
HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hinman, M
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 2338 base pair
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 28,977
REFERENCE/OCKET NUMBER: 1447-106P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M
REGISTRATION NUMBER: 28,97
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/425,069 FILING DATE: 19-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Nephilia clavipes
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                                                                                  Local
                                                                                                                                                                                                                                      TITLE: Structure of a protein superfiber: TITLE: drafline silk
                                                                                                                                                                                                                                                                            AUTHORS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                       AUTHORS: Xu, Ming
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
 1697
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o. 5728810
                                                                  l Similarity
29; Conserv
                     GCTGCAGCTGCAGCCCCCACCTTCTTCTGCAGCACAT
 GCTGCAGCGGCTGCTCCAGCTCCTTGTCCAGCACCT 1662
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Hinman, Michael B.
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                                                                48.6%;
llarity 80.6%;
Conservative
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                                                                                                                                                                                                                                                                                                                         /product= "Nephila clavipes dragline silk protein"
                                                                Score 24.8; D
Pred. No. 30;
0; Mismatches
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US-08-317-844B-1/c

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TELEX: 248345
TELEX: 248345
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LEBUGTH: 2338 base pairs
nucleic acid
single
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                                                                                                                                          Matches
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Patent No.
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NAME/KEY: CDS
LOCATION: 1.2154
OTHER INFORMATION: /
OTHER INFORMATION: /
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FORM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION WIMBER: US/08/317,844B
FILING DATE: 04-OCT-1994
CLASSIFICATION: 435
CCLASSIFICATION: 435
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HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 241-1300
TELEPAX: (703) 241-2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: MUIPH JT., GETALD
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1447-105P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PUBLICATION INFORMATION:
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PLICANT: Xu, Ming
PLICANT: Hinman, Michael B.
PLICANT: Wind Ming
PLICANT: Wind
PLICANT: Wind Ming
PLICANT: Wind
PLICANT
                                                                                                                                                                                                                                                                                                                  PAGES: 7120-7124
DATE: Sept.-1990
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                              JOURNAL: P. VOLUME: 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM:
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STREET: 301 No. 5989894th Washington Street
CITY: Falls Church
STATE: Virginia
                                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE: Structure of a protein superfiber: TITLE: drafline silk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUTHORS: Xu, Ming
AUTHORS: Lewis, Randolph V.
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o. 5989894
                                                               11 GCTGCAGCTGCAGCCCCCCTCCTTCTGCAGCACAT 46
                                                                                                                                          29;
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                                                                                                                                                                           Similarity
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                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Proc. Natl. Acad. Sci. U.S.A.
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                                                                                                                                          0
                                                                                                                                                                           Score 24.8;
Pred. No. 30;
                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                         1: FROM 1 TO 2338
                                                                                                                                                                                                             DB 2;
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                                                                                                                                                                                                             Length 2338;
                                                                                                                                          Indels
                                                                                                                                          0
                                                                                                                                          Gaps
                                                                                                                                          0
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RESULT 15 US-09-270-767-13706

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Patent No. 6703491;
GENERAL INFORMATION:
APPLICANT: Homburger et al.
FITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT PILING DATE: 1999-03-17
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13706
TYPE: DNA
GRANNISM: Drosophila melanogaster
US-09-270-767-13706
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                                S
                                                                                                                                                                                                                                                                                                                                                                      Sequence 13706, Application US/09270767 Patent No. 6703491
                                                                     Matches
                                                                                                     Query Match
                                                                 Local Similarity 12; Conserv
 306 TGATAATTGTCGCAGCTGCAGGCGCACTTCCTTCTCCATCTCCT 349
                             3 TGCTACTGGCTGCAGCTGCAGCCCCCACCTTCTGCAGCACAT 46
                                                                     Conservative
                                                                                 48.6%;
72.7%;
                                                                     0,
                                                                                     Score 24.8;
Pred. No. 32;
                                                                       Mismatches
                                                                                                     DB 4;
                                                                     12;
                                                                                                     Length 3246;
                                                                       Indels
                                                                     0
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Search completed: January 26, 2005, 18:17:46
Job time : 9.22069 secs

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Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Title:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    January 26, 2005, 17:54:48 ; Search time 25.5586 Seconds (without alignments) 11465.419 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IDENTITY_NUC Gapop 10.0 , Gapext 1.0
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51
1 tttgctactggctgcagctg.....ccttctgcagcacataaaca
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Published_Applications_NA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Copyright
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:
/cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*
                    gn2 6/ptcdata/1/pubpna/US09B_PUBCOMB.seq:*
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gn2 6/ptcdata/1/pubpna/US09C_PUBCOMB.seq:*
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gn2 6/ptcdata/1/pubpna/US10E_PUBCOMB.seq:*
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gn2 6/ptcdata/1/pubpna/US10E_PUBCOMB.seq:*
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gn2 6/ptcdata/1/pubpna/US10E_PUBCOMB.seq:*
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_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
                                                                                                                                                                                                                                                                                                                                                            6/ptodata/1/pubpna/US08_NEW_PUB.seq:*\
6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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                                                                                                                                                                                                                                                                                                                                   _PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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27.2	28	29.8	31.4	39.4	39.4	39.4	39.4	39.4	41	41	49.4	Score
53.3	54.9	58.4	61.6	77.3	77.3	77.3	77.3	77.3	80.4	80.4	96.9	Query
												Query Match Length DB ID
17	14	16	16	15	15	14	14	10	ø	ø	14	BG
US-10-775-169-80	US-10-085-612-6	US-10-257-166-150	US-10-257-166-48	US-10-121-960C-17	US-10-121-960C-14	US-10-085-612-3	US-10-146-575-3	US-09-943-115A-1	US-09-957-997-1	US-09-957-997-4	US-10-085-612-4	ID
Sequence 80, App	Sequence 6, Appl	Sequence 150, Ap	Sequence 48, App	Sequence 17, App	Sequence 14, App	Sequence 3, Appl	Sequence 3, Appl	Sequence 1, Appl	Sequence 1, Appli	Sequence 4, Appli	Sequence 4, Appl	Description
	4130 17 US-10-775-169-80	54.9 34 14 US-10-085-612-6 Sequence 53.3 4130 17 US-10-775-169-80 Sequence	58.4 8776 16 US-10-257-166-150 Sequence 54.9 34 14 US-10-085-612-6 Sequence 53.3 4130 17 US-10-775-169-80 Sequence	61.6 8943 16 US-10-257-166-48 Sequence 48 58.4 8776 16 US-10-257-166-150 Sequence 5.54.9 34 14 US-10-085-612-6 Sequence 6.53.3 4130 17 US-10-775-169-80 Sequence 80	77.3 15.185 15 US-10-121-960C-17 Sequence 61.6 8943 16 US-10-257-166-18 Sequence 58.4 8776 16 US-10-257-166-150 Sequence 54.9 34 14 US-10-085-612-6 Sequence 53.3 4130 17 US-10-775-169-80 Sequence	77.3 13035 15 US-10-121-960C-14 Sequence 77.3 15185 15 US-10-121-960C-17 Sequence 61.6 8943 16 US-10-257-166-48 Sequence 58.4 8776 16 US-10-257-166-150 Sequence 54.9 34 14 US-10-085-612-6 Sequence 53.3 4130 17 US-10-775-169-80 Sequence	77.3 1345 14 US-10-085-612-3 Sequence 77.3 13035 15 US-10-121-960C-14 Sequence 77.3 15185 15 US-10-121-960C-17 Sequence 61.6 8943 16 US-10-257-166-48 Sequence 58.4 8776 16 US-10-257-166-150 Sequence 54.9 34 14 US-10-085-612-6 Sequence 53.3 4130 17 US-10-775-169-80 Sequence	77.3 1345 14 US-10-146-575-3 Sequenc. 77.3 1345 14 US-10-085-612-3 Sequenc. 77.3 13035 15 US-10-121-960C-14 Sequenc. 77.3 15185 15 US-10-121-960C-17 Sequenc. 61.6 8943 16 US-10-257-166-48 Sequenc. 58.4 8776 16 US-10-257-166-150 Sequenc. 54.9 34 14 US-10-085-612-6 Sequenc. 53.3 4130 17 US-10-775-169-80 Sequenc.	1345 10 US-09-943-115A-1 Sequence 1345 14 US-10-146-575-3 Sequence 1345 14 US-10-085-612-3 Sequence 13035 15 US-10-121-960C-14 Sequence 15185 15 US-10-121-960C-17 Sequence 8776 16 US-10-257-166-48 Sequence 8776 16 US-10-257-166-150 Sequence 34 14 US-10-085-612-6 Sequence 4130 17 US-10-775-169-80 Sequence	80.4 11186 9 US-09-957-997-1 Sequence 77.3 1345 14 US-10-146-575-3 Sequence 77.3 1345 14 US-10-146-575-3 Sequence 77.3 1345 14 US-10-1085-612-3 Sequence 77.3 13035 15 US-10-121-960C-14 Sequence 77.3 15185 15 US-10-121-960C-17 Sequence 61.6 8943 16 US-10-257-166-48 Sequence 58.4 8776 16 US-10-257-166-18 Sequence 54.9 34 14 US-10-085-612-6 Sequence 53.3 4130 17 US-10-775-169-80 Sequence Sequence 55 Sequence 77.5 Sequence	80.4 1012 9 US-09-957-997-4 Sequence 80.4 11186 9 US-09-957-997-1 Sequence 77.3 1345 10 US-09-943-115A-1 Sequence 77.3 1345 14 US-10-146-575-3 Sequence 77.3 1345 14 US-10-085-612-3 Sequence 77.3 13035 15 US-10-121-960C-14 Sequence 77.3 13035 15 US-10-121-960C-17 Sequence 77.3 15185 15 US-10-257-166-18 Sequence 58.4 8973 16 US-10-257-166-150 Sequence 58.4 8776 16 US-10-257-166-150 Sequence 58.4 8776 16 US-10-257-169-80 Sequence 58.3 4130 17 US-10-775-169-80 Sequence	96.9 1254 14 US-10-085-612-4 80.4 11186 9 US-09-957-997-1 80.4 11186 9 US-09-957-997-1 80.4 11186 9 US-09-957-997-1 80.4 11186 9 US-09-957-997-1 80.4 11186 9 US-09-943-115A-1 80.4 11186 9 US-09-943-115A-1 80.4 1185 14 US-10-146-575-3 80.4 1185 14 US-10-146-575-3 80.4 1185 15 US-10-121-960C-14 80.4 1185 15 US-10-121-960C-17 80.4 80.4 16 US-10-257-166-48 80.4 16 US-10-257-166-48 80.4 16 US-10-257-166-150 80.4 80.4 16 US-10-257-166-150 80.4 80.4 US-10-085-612-6 80.4 10 US-10-257-166-150 80.4 Sequence 80.4 Sequence 80.4 1186 9 US-10-085-612-6 80.4 Sequence 80.4 Sequence 80.4 1186 9 US-10-085-612-6 80.4 Sequence 80.4 Sequence 80.4 1186 9 US-10-085-612-6 80.4 Sequence 80.

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9.9	49.0	٠.	9	٩	9	9	9	٩	49.0				9	9		49.8	49.8	•	•	•	•	50.2	•	•	•	•	•	•	٠	52.9	•
6447 6674	6021	6021	5662	5010	5010	5010	5010	871	871	402	180	53331	31364	5612	5541	5541	5541	627	259	3015	1158	572	572	493	384	306	22314	12614	704	34	8575
16 15	14	10	15	18	16	15	10	15	13	10	16	17	17	16	18	15	10		10	16	15	15	13	11	16	17	17	15	18	14	10
-10-159-563-133 -10-037-270-110	-10-198-846-1087	-09-814-353	-10-084-817-9	-10-474-794-2	US-10-342-887-680	US-10-172-118-680 .	US-09-918-715-251	US-10-027-632-166228	US-10-027-632-166228	US-09-764-891-2198	US-10-424-599-83796	US-10-741-601-5762	US-10-741-601-5672	US-10-276-774-846	US-10-622-377-9	US-10-341-434-74	US-09-930-213-272	US-09-770-149-726	US-09-764-891-7918	-10-263-929-	US-10-369-493-36839	-10-027-632-	US-10-027-632-196479	US-09-732-627A-2583	US-10-424-599-115210	-10-437-	US-10-322-281-164	US-10-242-355-1086	US-10-425-115-176951	US-10-085-612-2	US-09-764-891-8707
1133		200		251,	680,	680,	Sequence 251, App	16622	166228		83796,	5762,		84	9	74	Sequence 272, App	726,	Sequence 7918, Ap	43,	368		Sequence 196479,	Sequence 2583, Ap	_	70996			17695	Sequence 2, Appli	8707,

ALIGNMENTS

RESULT 1 US-10-085-612-4

GENERAL

INFORMATION:

APPLICANT: Guida, Marc APPLICANT: Hall, Jeff APPLICANT: Petros, Wi

Sequence 4, Application US/10085612 Publication No. US20030096251A1

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CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR REPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1988-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR TILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 1254
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-612-4
                              5
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                                                                                   Best Loc
Matches
                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals (
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-Cl
                                                                                 Local Similarity
nes 50; Conserv
1010 Trigcraciegorgeagerecaececeaecrecrecaecaeacaraaaca 1060
                                  TTTGCTACTGGCTGCAGCTGCAGCCCCACCTCCTTCTGCAGCACATAAACA 51
                                                                                   Conservative
                                                                                 96.9%; Score 49.4; DB 14;
98.0%; Pred. No. 3.1e-07;
tive 0; Mismatches 1;
                                                                                                                             Length 1254;
                                                                                     Indels
                                                                                     <u>,</u>
                                                                                     Gaps
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US-09-957-997-4

Sequence 4, Application US/09957997 Patent No. US20020150915A1 GENERAL INFORMATION:

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; Sequence 1, Application US/09943115A; Publication No. US20030017469A1; GENERAL INFORMATION:
                                                                    US-09-943-115A-1
                                                                                                                                                       밁
                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-957-997-1
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                                                                                          RESULT 4
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; ORGANISM: Homo sapiens
US-09-957-997-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bertilsson, Gran
APPLICANT: Blomquist, Patrik
TITLE OF INVENTION: PROMOTER SEQUENCES
FILE REFERENCE: 13425-046001
CURRENT PELLING DATE: 2001-09-21
CURRENT FILING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 000393-6
EARLIER APPLICATION NUMBER: SE 000393-6
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                              Best
                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/09957997 Patent No. US20020150915A1
                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/957,997
CURRENT FILLING DATE: 2001-09-21
EARLIER APPLICATION NUMBER: SE 0003393-6
EARLIER FILLING DATE: 2000-09-22
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER APPLICATION NUMBER: 60/238,895
EARLIER FILLING DATE: 2000-10-10
NUMBER OF SEQ ID NOS: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Berkenstam, Anders
APPLICANT: Bertilsson, Gran
APPLICANT: Blomquist, Patrik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: PROMOTER SEQUENCES FILE REFERENCE: 13425-046001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Berkenstam, Anders
                                                                                                                                                                                                                                                                                                                                                                                     ENGTH: 11186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH: 1012
                                                                                                                                                                                                                                                          Local Similarity 89.8%;
                                                                                                                                                   11064 TGCTACTGGCTGCAGCTCCAGCCCTCCTTCTCCAGCATATAAACA 11112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             44;
                                                                                                                                                                                            3 TECTACTEGCTECAGCTECAGCCCCACCTCCTTCTGCAGCACATAAACA 51
                                                                                                                                                                                                                                        44; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TGCTACTGGCTGCAGCTCCAGCCCTGCCTCCTTCTCCAGCATATAAACA 995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              80.4%;
89.8%;
                                                                                                                                                                                                                                    Score 41; DB 9; Le
Pred. No. 0.00027;
0; Mismatches 5;
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Pred. No. 0.00022;
0; Mismatches 5;
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RESULT 6

US-10-085-612-3

Sequence 3, Application US/10085612 Publication No. US20030096251A1 GENERAL INFORMATION:

APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey

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밁
                                                                                                                                          ; NAME/KEY: Other
; LOCATION: (0)...(0)
US-10-146-575-3
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US-10-146-575-3
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                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US/09/144,367
PRIOR FILING DATE: 1998-08-31
NUMBER OF SEQ ID NOS: 58
SOPTWARE: FASESEQ for Windows Version 3.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/10146575

Publication No. US20030059800A1

GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEO-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14
                                                                    Matches
                                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
TITLE OF INVENTION: POLYMORPHISMS
FILE REFERENCE: 52459-20021.00
CURRENT APPLICATION NUMBER: US/09/943,115A
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: UK 0021286.0
PRIOR FILING DATE: 2000-08-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 73
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SEQUENOM, Inc. APPLICANT: Risinger, Car
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 1345
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                               ORGANISM: H. sapiens FEATURE:
                                                                                                                                                                                                                                  LENGTH: 1345
TYPE: DNA
                                                                    Local Similarity
nes 43; Conserv
1035 TGCTACTGGCTGCAGCTCCAGCCTCCTTCTCTAGCATATAAACA 108:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1035 TGCTACTGGCTGCAGCTCCAGCCCTGCCTTCTCTAGCATATAAACA 1083
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Andersson, Maria
Lewander, Tommy
Olaisson, Erik
                                  TGCTACTGGCTGCAGCTGCAGCCCCACCTCCTTCTGCAGCACATAAACA 51
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                                                                    Conservative
                                                                                     77.3%;
87.8%;
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                                                                  Score 39.4; DB 14
Pred. No. 0.00079;
0; Mismatches 6
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                                                                                                      DB 14;
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                                                                                                      Length 1345;
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                                                                    Gaps
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RESULT 8
US-10-121-960C-17
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                                      Sequence 17, Application US/10121960C Publication No. US20030145341A1 GENERAL INFORMATION: APPLICANT: ZHANG, Weisheng APPLICANT: CONTAG, Pamela APPLICANT: PURCHIO, Anthony APPLICANT: HASHIMA, Sandy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
LENGTH: 13035
                                                                                                                                                                                                                                                                                                                                                Matches
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APPLICANT: BURCHIO, Anthony
APPLICANT: HASHIMA, Sandy
APPLICANT: HASHIMA, Sandy
APPLICANT: MANOTKA, Kevin
TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF MOUSE AND HUMAN
TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH
TITLE OF INVENTION: CYTOCHROME EXPRESSION
FILE REFERENCE: 9400-0014 / PXE-014.US
CURRENT APPLICATION NUMBER: US/10/121,960C
CURRENT FILING DATE: 2002-04-11
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APPLICANT: CONTA
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CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Methods for Evaluating the Ability to Metabolize Pharmaceuticals TITLE OF INVENTION: Compositions Therefor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: human CYP3A4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Match 77.3%;
Local Similarity 87.8%;
                                                                                                                                                                                                                                                                   12860
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CONTAG, Pamela
PURCHIO, Anthony
HASHIMA, Sandy
MA, Shirley
NAWOTKA, Kevin
                                                                                                                                                                                                                                                                 TGCTACTGGCTGCAGCTCCAGCCCTGCCTTCTCTAGCATATAAACA 12908
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                                                                                                                                                                                                                                                                                                                                                    Conservative
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Pred. No. 0.00079;
0; Mismatches 6
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Pred. No. 0.00097;
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US-10-257-166-150/c
; Sequence 150, Application US/10257166
; Publication No. US20040023230A1
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US-10-257-166-48/c
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US-10-121-960C-17
                                                          GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPRABROCK, Christian
APPLICANT: BERLIN, Kurt
                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 48
LENGTH: 8943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 48, Application US/10257166 Publication No. US20040023230A1
                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: ISOLATION AND IDENTIFICATION OF MOUSE AND HUMAN TITLE OF INVENTION: TRANSCRIPTION CONTROL ELEMENTS ASSOCIATED WITH TITLE OF INVENTION: CYTOCHROME EXPRESSION FILE REFERENCE: 9400-0014 / FXE-014.US CURRENT APPLICATION NUMBER: US/10/121,980C CURRENT FILING DATE: 2002-04-11 NUMBER OF SEQ ID NOS: 19 NUMBER OF SEQ ID NOS: 19 SOFTWARE: Patentin Ver. 2.0
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Method and Nucleic Acids for Analysing
TITLE OF INVENTION: Genes Implicated in Pharmacogenomics
FILE REFERENCE: 5013.1011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT/EP01/07470
DE 10032529.7
DE 10043826.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2001-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 5013.1011
CURRENT APPLICATION NUMBER: US/10/257,166
CURRENT FILING DATE: 2002-10-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Method and Nucleic Acids for Analysing the Methylation of TITLE OF INVENTION: Genes Implicated in Pharmacogenomics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 15185
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: chemically treated genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
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38; Conserv
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BERLIN, Kurt
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87.8%;
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Pred. No. 0
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Pred. No. 0.00098,
0; Mismatches (
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                                                                                                                                                                                                                                                                                                                                                                           . 49;
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                                         the Methylation
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                                                                                                                                                          RESULT 12
                                                                                                                                                                                                                                                                                                                                                 US-10-085-612-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 11
US-10-085-612-6
APPLICANT: Wyeth
APPLICANT: Burcz:
APPLICANT: Twine
APPLICANT: Dorne:
APPLICANT: Trepic
                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn version 3.0 SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/10085612 Publication No. US20030096251A1
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Best Local
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SEQ ID NO 150
LENGTH: 8776
                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 6
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                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DE 10032529.
DE 10043826.
                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/10/257,166
FILING DATE: 2002-10-07
                                                                                                                                                                                                                                                                              28;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Similarity
                                                                                                                                                                                                          TTTGCTACTGGCTGCAGCTGCAGCCCCA 34
                                                                                                                                                                                                                              TTTGCTACTGGCTGCAGCTGCAGCCCCA 28
                Burczynski, Michael
Twine, Natalie
Dorner, Andrew
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                                                                                                                                                                                                                                                                           54.9%; So ilarity 100.0%; I Conservative 0;
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Pred. No.
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Pred. No. 1
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                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                             DB 14;
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                                                                                                                                                                                                                                                                                                             Length 34
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CURRENT APPLICATION NUMBER: US/10/085,612
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 09/144,367
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/271,630
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-891-8707
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; ORGANISM: Homo sapiens
US-10-775-169-80
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                                                                                                                                                                                 APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
APPLICANT: Petros, William
APPLICANT: Vredenburgh, James
APPLICANT: Colvin, Oliver
APPLICANT: Colvin, Oliver
APPLICANT: Marks, Jeffrey
TITLE OF INVENTION: Methods for Evaluating th
TITLE OF INVENTION: Compositions Therefor
FILE REFERENCE: 4389-5-C1
                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-085-612-2
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Best Local Similarity
Matches 35; Conserv
                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/10085612 Publication No. US20030096251A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 8707
LENGTH: 8575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 8707, Application US/09764891 Publication No. US20030077808A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: PC006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Rosen et al. TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 4130
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6589 TTTAATGCTGGCCCCAGCTTCAGCCCCATATACTTCATCATCACATCA 6542
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TTTGCTACTGGCTGCAGCTGCAGCCCCCACCTCCTTCTGCAGCACATAA 48
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35; Conserv
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Pred. No. 1
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Pred. No. 1
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                                                                                                                                                                                                                              Ability to Metabolize
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RESULT 15
US-10-425-115-176951/c
Sequence 176951, Application US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yinua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
CURRENT FILING DATE: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 176951
LENGTH: 704
TYPE: DNA
ORGANISM: Zea mays
FEBRUATION: Clone ID: MRT4577_92970C.1
US-10-425-115-176951
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; ORGANISM: Homo mapiens
US-10-085-612-2
Search completed: January 26, 2005, 19:49:31 Job time : 26.5586 secs
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                                                                                                                                                                                Query Match 52.2%; Score 26.6; DB 18; Length 704; Best Local Similarity 78.0%; Pred. No. 17; Matches 32; Conservative 0; Mismatches 9; Indels 0
                                                                                             375 GCCACTGCCAGCTGCACCACCACCGCCTGCACCGGCAC 335
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